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Statistics of Farmers' Cooperatives In Minnesota, 1950

E. FRED KOLLER

T. W. MANNING

O. B. JESNESS

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UNIVERSITY OF MINNESOTA

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Statistics of Farmers' Cooperatives In Minnesota, 1950

E. Fred Koller, T. W. Manning, and O. B. Jesness¹

Summary

FARMERS' COOPERATIVES in Minnesota have made outstanding progress during the past half century. Today these organizations provide a large proportion of the business services needed by farmers of the state. With the aid of their cooperatives farmers have worked out for themselves many of the problems incident to the marketing of their farm products, purchasing of farm supplies, and providing other essential business services.

The general purpose of this study was to obtain information on the nature, extent, and some of the results of the business activities of farmers' marketing and purchasing associations in Minnesota at midcentury. The study involved taking a detailed business census of all farmers' cooperatives in the state.

Among other objectives of the study was that of analyzing the operating results of these associations including the factors affecting their costs, net margins, and prices. A detailed study was made of the distribution of their net margins. The financing of these associations was analyzed including their use of borrowed funds, financing by members and patrons, and the use of revolving capital plans. The analysis included consideration of the cooperative characteristics, membership, patronage, management, types of commodities handled, and other aspects of

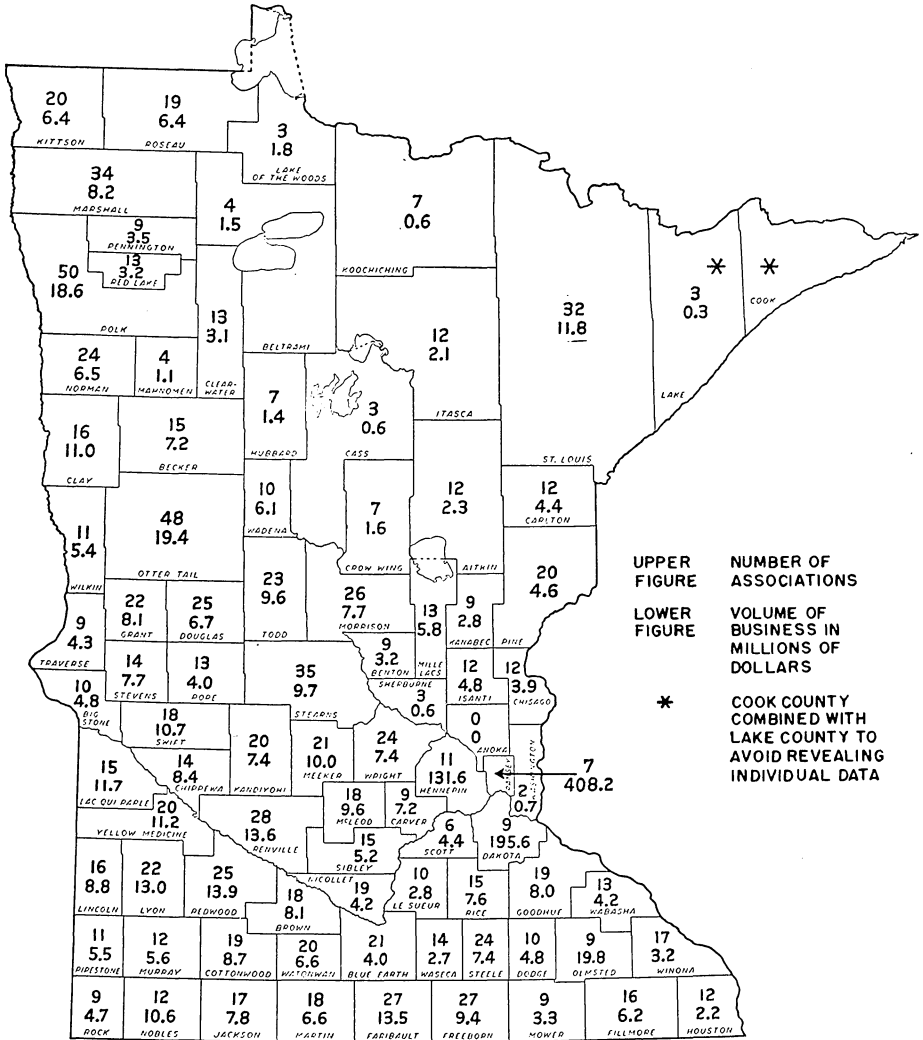
the organization and operation of these associations.

This bulletin presents some of the more important statistical data obtained in this study. It provides a comprehensive picture of the organization and operations of farmers' cooperatives in Minnesota. The information will be of considerable value in further studies of the business activities of these organizations at midcentury. The data will serve as a valuable bench mark in comparing and analyzing the operations of these associations in the future.

NUMBER OF ASSOCIATIONS, PATRONAGE, AND MEMBERSHIP

Minnesota ranks first among the states not only in the number of cooperatives but also in the number of members and volume of business handled. At the midcentury point there

¹The authors acknowledge with appreciation the excellent cooperation of the managers and other officials of cooperatives in Minnesota who supplied the basic data used in this study. Appreciation is expressed to members of the staff of the St. Paul Bank for Cooperatives and to French M. Hyre of the Cooperative Research and Service Division of the Farm Credit Administration, Washington, D. C., for their valuable suggestions in the preparation of this study. Credit is due Dr. Rex W. Cox of the Division of Agricultural Economics, University of Minnesota, for many helpful suggestions. The assistance of the following who aided in the field work is gratefully acknowledged: Robert Bergersen, Martin Christiansen, Kenneth Crane, Stanley Krause, Calvin Kuhnau, James Otto, Dale Stallings, and Harlow Thompson.



purchasing, while 33 provided various related business services.

Considered by commodity groups the dairy cooperatives were the most numerous with 538 associations, or 40 per cent of the total (table 1). Farm supply cooperatives engaged in the purchase of petroleum products, automotive supplies, feeds, fertilizers, seeds, groceries, and other supplies ranked second in number with 300 associations.

Farmers' cooperatives were located in 86 of the 87 counties of the state. The counties which led in the number of associations within their border were Polk with 50, Otter Tail with 48, and Stearns with 35 (figure 1). In determining the number of cooperatives in a county, branches and subsidiaries of associations were not included.

The total number of Minnesota patrons reported by these cooperatives was 773,596 (table 18). Since there are only 179,000 farm operators in the state, this indicates that on the average farmers patronize about four cooperatives each.

Average patronage of local associations was 433. Local farm supply and grain associations showed the relatively large average patronage of 840 and 616, respectively. The Minnesota patrons of 15 large regional associations in the state averaged 13,267.

Membership in these cooperatives, as evidenced by ownership of voting stock or other membership interest, totaled 520,403 (table 18). Here, too, it is apparent that on the average farmers in the state own shares in or have a voice in the control of more than three cooperatives each. The membership of local associations in the state averaged 347.

VOLUME OF BUSINESS

For the fiscal year 1949-50 the total volume of business of all the farmers' cooperatives in the state was \$1,274,428,000 (table 75, part I). This

total includes business handled for both Minnesota and out-of-state farmers and associations. This is an increase of more than a billion dollars over the gross business volume of \$228,566,000 transacted by 1,365 farmers' cooperatives in the state in 1936. When business with out-of-state farmers is subtracted from the total indicated above and adjustment is made for the double-counting of business involved in interassociation transfers, the net value of products handled cooperatively for farmers in the state was \$639,897,000.

The gross volume of business handled by 1,008 marketing cooperatives in the state in 1949-50 was \$1,122,316,000, or 88 per cent of the total. The volume of 300 farm supply and 33 service associations was \$144,649,000 and \$7,463,000, respectively.

Grain cooperatives ranked first among the commodity groups in gross volume of business (table 82, part I). The dairy, livestock, and farm supply associations ranked second, third, and fourth, respectively.

The volume of business handled by the typical (median) individual cooperative fell in the \$200,000 to \$300,000 annual volume class. The annual volume of 126 associations was more than one million dollars each. Of these 126 associations 70 were grain, 31 dairy, and 10 farm supply associations. Only 219 associations had an annual volume under \$100,000.

COOPERATIVE CHARACTERISTICS

It was found that these cooperatives have conformed quite closely to the specifications for these associations set up under state and federal laws. The basic requirement that the cooperative operate for the mutual benefit of its members and patrons is carefully observed by most associations as is shown by the wide usage of patronage refunds. For the fiscal year 1949-50 a total of 925, or a little more than two-

thirds, of the associations made provisions for patronage refunds. The 416 associations which did not set up patronage refunds were largely creameries and livestock associations which operated in such a way that no net margins remained at the end of the year or were too small to warrant distribution. Of the total net margins of these cooperatives 91 per cent was distributed or allocated to the patrons and the remainder was set aside principally for payment of dividends on capital stock and income taxes. A total of 713 associations had made provisions for patronage refunds in each of the years in the period 1945-49 (table 17).

A large proportion of the associations met the provision that "substantially all" of the voting rights must be held by farmers. In four-fifths of the associations 90 to 100 per cent of the voting members were farmers (table 20).

Nearly all of the associations complied with the provision that business with nonmembers must not exceed that done with members. In only 59 cases was the nonmember business larger than that done with members.

Voting on the one-man one-vote basis was nearly universal. Only 14 of these cooperatives had other voting arrangements, and seven of these were federations which provided for voting on the basis of the volume of business, or the number of members in the locals.

A total of 874 cooperatives, about two-thirds, was exempt from the payment of federal income taxes which indicates that they met the requirements for cooperatives set forth in section 101 (12) of the Internal Revenue Code (table 11). Almost the same number of associations was exempt from the payment of the Minnesota income tax. Only one-third of the farm supply associations were operated on a tax-exempt basis as compared with 82 per cent of the dairy associations.

COOPERATIVE PERSONNEL

Farmers' cooperatives in the state employed a total of 12,159 year around employees in 1949-50. Of this number 4,358 were managerial and office employees and 7,801 were plant and sales employees (table 28). Peak season employment in these associations totaled 15,218 workers.

The managers in these associations had managerial experience averaging (median) from five to nine years. Some 163 managers had managerial experience of 25 years or more (table 24).

The annual compensation of managers in 1,322 cooperatives for which this information was available averaged \$3,293 (table 25). Managers in poultry and egg associations received the highest compensation, averaging \$4,609. Managers of grain and dairy associations ranked second and third with payments averaging \$3,888 and \$3,787, respectively. In 29 associations the managers were paid \$8,000 and more for their services.

FINANCING OF COOPERATIVES

Farmers' cooperatives like other business organizations need large amounts of capital to market the products of their members and to supply members with goods and services. Total assets of 1,336 of these associations were \$227,083,000. The assets of 15 regional organizations averaged nearly \$8,000,000 each and those of 1,321 local associations \$81,288 each (table 33).

Local cooperatives with the largest capital were seven vegetable associations with average assets of \$207,629. The 231 local grain associations had average assets of \$124,852, while 534 local dairy associations had \$87,374 each.

In each of 57 cooperatives assets totaled more than \$300,000. On the other hand, there were 218 associations with assets under \$10,000 each.

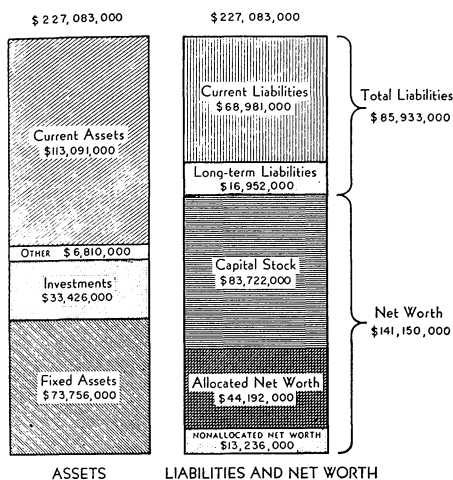


FIG. 2. Financial status of Minnesota farmers' cooperatives at the close of fiscal year, 1949-50

Composition of Assets

Current assets, including cash, U. S. bonds, receivables, and inventories totaled \$113,091,000, or about one-half the total resources of all of the associations (figure 2). Net fixed capital consisting of land, buildings, and equipment was \$73,756,000, or one-third of the total. Investments in other cooperatives and subsidiaries amounted to \$33,426,000. These included capital stock and other equities which the local associations owned in the regional federations with which they were affiliated, as well as the equities which the regional organizations owned in cooperatives and subsidiaries which, in turn, supplied them with merchandise or supplied other services. These investments have increased significantly in recent decades as cooperatives have sought to own and control marketing facilities further along the marketing channels extending from producers to consumers. Farm supply cooperatives, likewise, have made extensive investments to control more of the sources from which their supplies are obtained.

Sources of Capital

Of the total capital of these associations \$85,933,000, or 37.8 per cent, was obtained from various creditors (figure 2). By far the largest proportion of the capital, \$141,150,000, or 62.2 per cent, was supplied by members and patrons doing business with these organizations, or from what may be termed owner (net worth) sources.

Of the creditor capital in these cooperatives \$68,981,000 was in the form of current liabilities due in a year or less, and \$16,952,000 in long-term obligations. Examination of the current liabilities indicated that \$26,928,000, or nearly 12 per cent of total capital, was owed on short-term notes payable. The patrons provided \$21,722,000 of short-term credit, or 8.6 per cent of total capital, by waiting for the proceeds from the sale of their commodities under various pooling arrangements.

Borrowed Capital

During the 1949-50 fiscal year about 43 per cent of the associations used borrowed funds. The total amount borrowed by 565 local associations was \$10,184,300, or an average of \$18,025 (table 55). The borrowings of 12 of the large regional associations totaled \$60,056,657, or \$5,004,721 each.

Among the major local groups the poultry and egg associations were the heaviest borrowers with average loans of \$34,732. Fruit and vegetable associations used an average of \$29,171 of borrowed funds, farm supply associations \$20,443, dairy cooperatives \$16,060, and grain associations \$15,413.

Of 1,166 separate loans on the books of the 577 borrowing cooperatives 629 were for financing physical facilities, 518 were for various operating capital purposes, 11 were commodity loans, and in 8 cases the purpose of the loan was unknown (table 51).

Individual lenders were the principal source of borrowed funds of the local associations and supplied \$2,739,000 in 274 associations (table 55). Ranking second as a source of borrowed capital were commercial banks which had advanced \$2,633,700 to 279 associations. The St. Paul Bank for Cooperatives supplied \$2,220,700 to 102 locals in the state.

The large regional associations relied more heavily on the St. Paul and Central Bank for Cooperatives, eight associations having borrowed more than \$36,000,000 from these sources during the year. Commercial banks were the source of more than \$13,000,000 in five of the regionals.

Interest rates paid on borrowed capital by these cooperatives at mid-century varied all the way from nothing to 8 per cent per annum. The most frequent rate paid was 4 per cent (table 53). The second largest number of loans carried a 5 per cent rate. Many factors accounted for the range of interest rates paid including differences in sources of credit, purpose of the loan, term of the loan, security offered, and other factors.

Net Worth or Owner Capital

Of the capital supplied from owner sources \$83,722,000, or nearly 37 per cent of total capital or total assets, was in the form of capital stock and stock credits (table 32). Net worth reserves and surplus, which were largely allocated to member and patron accounts, accounted for about 23 per cent of total capital.

Common stock was an important source of funds particularly among the local cooperatives which obtained a little more than 16 per cent of all their capital from this source. Out of 1,341 associations 1,109 had common stock outstanding and only 232 were organized on the nonstock plan.

The use of preferred stock in financing Minnesota cooperatives has increased in recent years. A total of 313 associations used preferred stock in their financial structure. The regional associations had very large amounts of preferred stock averaging nearly \$3,000,000 each. The locals averaged about \$5,600 of preferred stock.

Stock credits are a relatively large item on the statements of many cooperatives since many distributed their patronage refunds in this form. In some cases the credits remained since the association had not had time to issue stock certificates for fully paid shares and in some cases the credits were only fractional payments on a share. It should be noted that a relatively large proportion of the capital stock of these cooperatives was accumulated out of net margins which were refunded to the patrons in the form of stock credits.

Patrons' equity reserves are used extensively in the owner financing of cooperatives in this state. These reserves totaled \$38,815,000 and supplied about 17 per cent of the capital used by these associations. Patrons' equity reserves represent patronage refunds which have been retained in the association in the form of book credits to the accounts of individual patrons. These credits often are held for a period of years and then paid in cash on a revolving capital plan.

Revolving Capital Plans

The revolving capital plan of financing is being used extensively by farmers' cooperatives in Minnesota. Some 602 associations, or about 45 per cent of the total in the state, had adopted the plan (table 45). The 1949-50 year-end balances in all of the revolving capital accounts in these associations amounted to \$74,712,000 (table 47). This was equal to about 53 per cent of their total net worth. Balances in

the revolving accounts of the local cooperatives using this plan averaged \$54,900 per association, while those of the large regional associations averaged \$4,221,150.

Financial Ratios

Lack of working capital and inadequate financing by the members were troublesome problems in many associations. Indicative of the limited working capital was the fact that the average ratio of current assets to current liabilities in all of the associations (local and regional) was only 1.64 to 1 while at least a 2 to 1 ratio is considered desirable (table 41). In about 60 per cent of the associations, the current ratio was found to be below the 2 to 1 level (table 42). Dairy associations had an average current ratio of 1.22 to 1 reflecting working capital problems in many.

The ratio of net worth to total assets averaged 62 per cent for all of the associations. A minimum net worth of at least 66 to 70 per cent is desirable. The large regional associations had only 57 per cent of net worth while the local associations averaged 68 per cent.

OPERATING RESULTS

Analysis of the operating results in 1,334 associations in which complete operating statements were available showed net sales of \$1,231,180,000 for the fiscal year 1949-50 (table 57). Gross margins on sales (net sales less the costs of commodities handled or merchandise purchased) averaged 6.8 per cent of net sales in all of the associations combined and 9.1 per cent in the local associations. Gross margins in the 15 regional associations were only 5.3 per cent reflecting the wholesale nature of their activities.

Operating Expenses

The ratio of operating expenses to sales averaged 6.2 per cent of sales for all of the associations combined. In 1,319 local associations operating expenses were 8.5 per cent of sales, as compared with 4.8 per cent in the large regional associations. This difference may be explained by the type and amount of services rendered by the two groups.

Expense ratios for local livestock and grain cooperatives averaged only 2.4 and 2.9 per cent, respectively, reflecting the limited processing required and the relatively high sales values of the commodities handled. In local poultry and egg associations and the dairy associations the expense ratios averaged 10.6 and 11.8 per cent, respectively. For all petroleum cooperatives expenses were 14.8 per cent of net sales and in all farm supply associations 14 per cent (tables 58-65).

Operating expenses of these associations showed a high degree of relationship with the volume of business handled. Expense ratios were highest for associations with less than \$100,000 of annual business volume and showed a declining tendency as volume was increased to the \$1,000,000 level and beyond (table 66). Increased volume, in most cases, made it possible to reduce overhead costs per unit of product handled and some other costs as well. It is evident that many cooperatives were operating with a volume of business too small for maximum efficiency.

In this report only the labor and tax expenses were examined in detail while all other operating expenses such as depreciation, fuel, supplies, and others were combined in one figure. For all the associations labor costs, including the salaries and wages of managerial as well as all other employees, averaged 45 per cent of total expense (table 57, part II). For most local associations grouped on a commodity

basis, wages and salaries were approximately one-half of all of all operating expenses.

Real estate, personal property, and social security taxes paid by all of the associations averaged 3.8 per cent of total expenses. State and federal income taxes paid by these cooperatives are shown as a distribution of net margins in another section of this summary.

Net Margins

The net margins of these cooperatives for the fiscal year 1949-50 totaled \$17,291,000 or 1.4 per cent of net sales (table 57). This compares with average net margins of 1.3 per cent of sales for the fiscal year 1936-37. The net margins of 1,319 local associations averaged \$7,903 each, or 2.1 per cent of sales. In 15 regional associations net margins were only 0.9 per cent of sales.

There was a wide spread in the net margins of these cooperatives ranging from net losses of 5 per cent and over in 21 associations to net gains of 10 per cent and more in 47 associations. The local dairy, grain, and poultry and egg associations had relatively low net margins of 1.6, 1.6, and 1.3 per cent, respectively. In contrast the petroleum cooperatives had an average net margin of 7.5 per cent, and all farm supply groups combined averaged 6.0 per cent. Many factors account for these variations in net margins including differences in price policies, volume of business, efficiency of operations, and other factors.

DISTRIBUTION OF NET MARGINS

Of basic importance in the cooperative plan of business is that the proceeds of sales over and above costs,

limited dividends on capital stock, and income taxes, be returned to the patrons on the basis of the volume of business they have provided. Analysis of the distribution of the \$17,291,000 of net margins of these cooperatives showed close conformance with this pattern. For all of the associations combined, by far the largest part of the net margins, 91 per cent, was refunded to the patrons in various forms (table 70). Payments of dividends on capital stock took 6.5 per cent of the net margins and payments of state and federal income taxes required another 1.4 per cent. Income tax payments of these associations were not large because amounts distributed as patronage refunds are not income to the association and therefore are excludable from its income tax base.

Analysis of the patronage refunds showed that \$3,072,000, or 17.8 per cent of net margins, were paid in cash or were set up to be paid in this way shortly after the close of the fiscal year (table 70). Most of the patronage refunds were retained in the business and allocated to the patrons on the basis of the volume of business done.² In most cases it was expected that these retained amounts would be repaid in a future year on a revolving plan basis. The largest proportion of retained patronage refunds, about 36 per cent of net margins, was in the form of stock and stock credits. An almost equally large share, 34 per cent of the net margins, was retained in the form of book credits to patrons which were usually included in an account listed as patrons' equity reserve.

The regional associations retained most of their patronage refunds in the form of stock and stock credits, setting up 58 per cent of their net margins in this way and only 23 per

²In some cases distribution of patronage refunds to individual patron accounts had not been completed at the time of this survey, but the refunds were in general accounts intended to be distributed in this way.

cent in patron book credits. In contrast the local associations refunded 41 per cent of their net margins in patrons' equity reserves and only 21 per cent in stock and stock credits.

COMMODITIES HANDLED AND SERVICES PERFORMED

At midcentury farmers' cooperatives in Minnesota were performing a multitude of jobs for their members. These organizations played a significant part in marketing the many farm commodities of all types produced in the state. In addition they handled a large share of the innumerable list of supplies needed in modern farming including petroleum products, fertilizers, feeds, machinery, electrical goods, groceries, and others. They also performed a range of related marketing and purchasing services including frozen food locker services, auto and machinery repairs, feed grinding and mixing, trucking, warehousing, and others.

The total value of all farm products marketed by these cooperatives at midcentury was \$1,070,361,000, or 84 per cent of the total business handled by these organizations (table 75, parts I and II). This was five and one-half times the value of all products marketed by cooperatives in the state in 1936-37. The increases were due not only to higher prices but also a larger physical volume of products handled.

The value of all farm supplies sold by these cooperatives was \$195,715,000 and constituted 15 per cent of their total business. This was six and one-half times the value of farm supplies handled in 1936-37. Services performed totaled \$8,352,000, or less than 1 per cent of all their business.

When business with out-of-state farmers is subtracted from the totals stated above and adjustment is made for the double-counting of the value of products involved in interassociation transactions, the net value of all

products marketed and supplies handled for Minnesota farmers alone was \$639,897,000. Eighty-one per cent of this total represented the net value of farm products marketed, 17.4 per cent the net value of farm supplies, and 1.1 per cent the net value of related services.

Farm Products Marketed

Farmers' cooperatives have played a leading part in the marketing of dairy products in Minnesota for more than 50 years. At the midcentury point the total value of all dairy products marketed by these organizations was \$292,945,000 (table 75, part II). Butter was the principal product sold at a value of \$171,853,000. Fluid milk and cream sales at wholesale and retail were valued at \$53,682,000. The net value of all dairy products handled for Minnesota farmers alone was \$211,043,000.

Marketings of grain by these cooperatives totaled \$524,952,000 and constituted about one-half the value of all farm products marketed. However, interassociation transactions and business done with farmers in other states were large and consequently the net value of grains marketed for farmers in the state was only \$170,062,000.

Other important groups of farm commodities marketed by these associations were livestock valued at \$207,436,000 and poultry and eggs valued at \$38,180,000.

Farm Supplies Sold

Minnesota cooperatives are important distributors of petroleum products in this area. In 1949-50 these organizations sold a total of \$84,167,000 of petroleum and automotive supplies (table 75, part III). A little over \$40,000,000 of this total represented the net value of these products sold to Minnesota patrons. Gasoline sales of 252 associa-

tions handling this product totaled 328,000,000 gallons.

These cooperatives handled \$88,413,000 of farm production supplies including feed, seeds, fertilizers, machinery, and a wide range of other items. Sales of feed by 610 associations selling this item amounted to \$35,809,000. Fertilizers were sold by 271 associations at a value of more than \$11,000,000. Farm machinery sales reached nearly \$12,000,000 in the mid-century year.

General merchandise sales consisting largely of groceries sold through 68 cooperatives totaled \$13,580,000.

The preceding summary points out only a few of the more significant results of the survey. The statistical

tables which follow supply a wealth of detail on these and many other points.

This publication is principally a description of farmers' cooperatives in Minnesota at midcentury. Several other publications of a more interpretative and analytical nature based on data obtained in this study are being planned. Among the subjects to be considered in these future publications are business analyses of dairy cooperatives, farm supply, grain, and other associations in the state. Other published releases will deal with the financing of these associations, the use of revolving capital plans, various aspects of their management, and the relative importance of farmers' cooperatives in the economy of the state.

Characteristics of Organization and Operation

Table 1. Associations by County and Commodity Type

Type of farming area and county	Commodity type								
	Total	Dairy	Fruit and vegetables	Grain	Live- stock	Poultry and eggs	Miscella- neous products*	Farm supplies	Services
				number of associations					
1. Dakota	9	1	0	1	3	0	0	4	0
Dodge	10	5	0	0	3	0	0	2	0
Fillmore	16	10	0	1	1	0	0	4	0
Goodhue	19	11	0	4	1	0	0	3	0
Houston	12	9	1	0	0	0	0	2	0
Mower	9	7	0	0	0	0	0	2	0
Olmsted	9	7	0	0	1	0	0	1	0
Wabasha	13	8	0	0	2	0	0	3	0
Washington	2	1	0	0	0	0	0	1	0
Winona	17	14	0	0	0	0	0	3	0
Total	116	73	1	6	11	0	0	25	0
2. Blue Earth	21	14	0	0	4	0	0	3	0
Brown	18	9	0	3	2	0	0	4	0
Carver	9	5	0	0	0	0	0	3	1
Freeborn	27	17	1	2	0	1	0	5	1
Le Sueur	10	5	0	1	1	0	0	3	0
McLeod	18	11	0	1	3	1	0	2	0
Meeker	21	13	0	2	3	1	0	2	0
Nicollet	19	9	0	1	4	0	0	3	2
Rice	15	8	0	2	2	1	0	2	0
Scott	6	5	0	0	0	0	0	1	0
Sibley	15	8	0	1	4	0	0	2	0
Stearns	35	25	1	3	3	0	0	3	0
Steele	24	19	0	1	2	0	0	2	0
Waseca	14	10	0	0	3	0	0	1	0
Wright	24	15	1	1	2	0	0	4	1
Total	276	173	3	18	33	4	0	40	5
3. Cottonwood	19	3	0	6	3	1	1	5	0
Faribault	27	12	1	10	1	0	0	2	1
Jackson	17	8	0	4	1	0	0	4	0
Lincoln	16	3	0	6	2	1	0	3	1
Lyon	22	4	0	8	4	2	0	4	0
Martin	18	7	0	3	1	1	0	6	0
Murray	12	1	0	5	1	1	0	4	0
Nobles	12	1	0	7	0	0	0	4	0
Pipestone	11	2	0	6	0	0	0	2	1
Rock	9	2	0	6	0	0	0	1	0
Watonswan	20	9	0	2	4	1	0	4	0
Total	183	52	1	63	17	7	1	39	3
4. Big Stone	10	1	0	5	2	0	0	2	0
Chippewa	14	3	1	7	1	0	0	2	0
Grant	22	5	0	5	2	3	0	5	2
Kandiyohi	20	9	0	4	2	1	0	4	0
Lac qui Parle	15	2	0	7	2	1	0	3	0
Pope	13	6	0	1	4	0	0	2	0
Redwood	25	5	0	12	3	2	0	3	0
Renville	28	6	0	11	5	1	0	4	1
Stevens	14	2	0	4	3	1	0	4	0
Swift	18	4	0	7	3	1	0	2	1
Traverse	9	1	0	2	3	1	0	2	0
Yellow Medicine	20	1	0	7	4	3	0	5	0
Total	208	45	1	72	34	14	0	38	4

* Miscellaneous products include wool, alfalfa, and seeds.

Table 1. Associations by County and Commodity Type—Continued

Type of farming area and county	Commodity type								
	Total	Dairy	Fruit and vegetables	Grain	Live- stock	Poultry and eggs	Miscella- neous products*	Farm supplies	Services
number of associations									
5. Anoka	0	0	0	0	0	0	0	0	0
Benton	9	7	0	0	1	0	0	1	0
Chisago	12	6	0	0	2	0	0	4	0
Isanti	12	6	0	1	2	0	0	1	2
Kanabec	9	4	0	0	1	0	0	4	0
Millie Lacs	13	7	0	0	2	0	0	3	1
Morrison	26	17	0	0	7	0	0	2	0
Pine	20	11	0	0	2	0	0	7	0
Sherburne	3	1	0	0	0	0	0	1	1
Total	104	59	0	1	17	0	0	23	4
6. Becker	15	6	1	2	4	1	0	1	0
Douglas	25	13	0	1	6	3	0	2	0
Mahnomen	4	1	0	2	1	0	0	0	0
Otter Tail	48	19	0	5	15	1	0	7	1
Pennington	9	4	0	1	1	0	0	3	0
Red Lake	13	2	0	4	2	0	0	5	0
Roseau	19	6	0	4	1	0	1	6	1
Todd	23	13	0	0	4	2	0	3	1
Wadena	10	6	0	0	1	0	0	2	1
Total	166	70	1	19	35	7	1	29	4
7. Clay	16	2	0	8	1	1	0	4	0
Kittson	20	2	0	9	4	0	0	3	2
Marshall	34	8	0	9	7	2	0	7	1
Norman	24	9	1	6	2	0	0	5	1
Polk	50	12	1	14	7	1	0	12	3
Wilkin	11	2	0	3	4	0	0	2	0
Total	155	35	2	49	25	4	0	33	7
8. Aitkin	12	3	0	0	3	0	0	6	0
Beltrami	4	2	0	0	0	0	0	2	0
Carlton	12	1	0	0	1	0	0	8	2
Cass	3	2	0	0	0	0	0	1	0
Clearwater	13	6	0	2	1	0	0	4	0
Cook	1	0	0	0	0	0	0	1	0
Crow Wing	7	3	0	0	1	0	0	3	0
Hubbard	7	1	0	0	4	0	0	2	0
Itasca	12	2	0	0	3	0	0	7	0
Koochiching	7	3	0	0	2	0	0	2	0
Lake	2	0	0	0	0	0	0	2	0
Lake of the Woods	3	1	0	1	0	0	0	1	0
St. Louis	32	4	1	0	0	0	0	26	1
Total	115	28	1	3	15	0	0	65	3
9. Hennepin	11	1	2	0	0	0	1	4	3
Ramsey	7	2	0	1	0	0	0	4	0
Total	18	3	2	1	0	0	1	8	3
GRAND TOTAL	1,341	538	12	232	187	36	3	300	33

* Miscellaneous products include wool, alfalfa, and seeds.

Table 2. Associations by County and Volume of Business

Type of farming area and county	Total	Volume of business								
		Less than \$100,000	\$100,000- 199,999	\$200,000- 299,999	\$300,000- 399,999	\$400,000- 499,999	\$500,000- 699,999	\$700,000- 999,999	\$1,000,000- 1,999,999	\$2,000,000- and over
		number of associations								
1. Dakota	9	0	1	1	0	0	3	0	0	4
Dodge	10	0	2	2	1	2	1	1	1	0
Fillmore	16	2	3	2	4	1	1	3	0	0
Goodhue	19	3	4	6	0	1	0	4	1	0
Houston	12	4	4	1	2	0	1	0	0	0
Mower	9	0	2	3	0	3	0	0	1	0
Olmsted	9	1	1	1	1	1	1	0	2	1
Wabasha	13	4	1	2	1	1	2	2	0	0
Washington	2	0	0	1	0	1	0	0	0	0
Winona	17	3	7	5	1	1	0	0	0	0
Total	116	17	25	24	10	11	9	10	5	5
2. Blue Earth	21	6	8	3	1	3	0	0	0	0
Brown	18	0	5	4	3	3	1	0	2	0
Carver	9	1	1	2	1	0	1	1	0	2
Freeborn	27	6	10	5	3	0	0	0	2	1
Le Sueur	10	0	6	2	0	0	1	1	0	0
McLeod	18	0	1	5	6	2	1	0	3	0
Meeker	21	1	5	7	3	0	2	0	2	1
Nicollet	19	5	6	1	5	1	1	0	0	0
Rice	15	1	3	2	3	2	0	1	3	0
Scott	6	0	1	0	0	1	0	3	1	0
Sibley	15	2	2	2	1	6	2	0	0	0
Stearns	35	3	15	7	2	5	0	3	0	0
Steele	24	4	9	3	4	1	0	2	1	0
Waseca	14	4	4	3	2	1	0	0	0	0
Wright	24	7	4	2	4	1	4	2	0	0
Total	276	40	80	48	38	26	13	13	14	4
3. Cottonwood	19	2	4	2	4	2	0	2	3	0
Faribault	27	4	7	3	2	1	1	4	5	0
Jackson	17	4	8	1	0	0	0	2	1	1
Lincoln	16	1	1	6	1	2	0	1	4	0
Lyon	22	1	1	3	3	3	5	3	3	0
Martin	18	1	9	2	2	1	1	0	2	0
Murray	12	1	0	3	1	1	5	1	0	0
Nobles	12	1	1	1	2	0	1	3	2	1
Pipestone	11	1	3	0	2	1	2	0	2	0
Rock	9	0	0	0	1	3	4	1	0	0
Watonwan	20	8	2	4	1	0	2	1	2	0
Total	183	24	36	25	19	14	21	18	24	2
4. Big Stone	10	0	0	2	2	2	2	2	0	0
Chippewa	14	0	2	3	0	0	4	3	2	0
Grant	22	4	2	5	5	2	1	2	1	0
Kandiyohi	20	3	2	4	4	2	3	1	1	0
Lac qui Parle	15	1	2	2	2	1	3	0	2	2
Pope	13	1	4	5	1	0	1	0	1	0
Redwood	25	0	7	5	1	1	4	2	5	0
Renville	28	1	3	7	4	1	5	4	3	0
Stevens	14	1	1	2	3	1	4	0	2	0
Swift	18	1	1	5	0	1	5	2	3	0
Traverse	9	1	2	2	1	1	0	0	2	0
Yellow Medicine	20	1	2	3	1	3	4	2	4	0
Total	208	14	28	45	24	15	36	18	26	2
5. Anoka	0	0	0	0	0	0	0	0	0	0
Benton	9	1	0	5	0	1	1	1	0	0
Chisago	12	0	5	0	2	4	0	1	0	0
Isanti	12	1	3	2	2	0	1	3	0	0
Kanabec	9	3	1	2	1	0	1	0	1	0
Mille Lacs	13	2	1	1	4	2	0	1	2	0
Morrison	26	3	10	3	5	3	0	1	1	0
Pine	20	8	3	5	1	1	1	1	0	0
Sherburne	3	1	1	0	0	1	0	0	0	0
Total	104	19	24	18	15	12	4	8	4	0

Table 2. Associations by County and Volume of Business—Continued

Type of farming area and county	Total	Volume of business								
		Less than \$100,000	\$100,000- 199,999	\$200,000- 299,999	\$300,000- 399,999	\$400,000- 499,999	\$500,000- 699,999	\$700,000- 999,999	\$1,000,000- 1,999,999	\$2,000,000- and over
		number of associations								
6. Becker	15	2	2	1	3	0	3	2	2	0
Douglas	25	0	10	8	5	0	2	0	0	0
Mahnomen	4	0	1	1	2	0	0	0	0	0
Otter Tail	48	3	11	6	12	6	5	2	3	0
Pennington	9	2	1	2	0	2	1	0	1	0
Red Lake	13	3	6	1	0	1	0	2	0	0
Roseau	19	4	2	5	3	1	3	0	1	0
Todd	23	1	4	4	4	2	2	5	1	0
Wadena	10	0	0	1	1	2	3	0	2	1
Total	166	15	37	29	30	14	19	11	10	1
7. Clay	16	1	4	1	2	0	1	3	3	1
Kittson	20	6	6	2	1	2	1	0	2	0
Marshall	34	12	8	6	2	0	3	2	1	0
Norman	24	8	6	1	2	3	3	0	1	0
Polk	50	15	15	5	2	1	4	3	4	1
Wilkin	11	3	2	1	1	1	1	0	1	1
Total	155	45	41	16	10	7	13	8	12	3
8. Aitkin	12	4	4	1	1	2	0	0	0	0
Beltrami	4	0	0	2	1	0	1	0	0	0
Carlton	12	1	3	5	1	0	1	0	1	0
Cass	3	1	0	1	1	0	0	0	0	0
Clearwater	13	5	0	3	3	1	1	0	0	0
Cook*	7	1	4	0	0	1	1	0	0	0
Crow Wing	7	3	3	0	0	0	0	1	0	0
Hubbard	12	7	3	0	0	1	0	1	0	0
Itasca	7	5	1	1	0	0	0	0	0	0
Koochiching	7	1	2	0	0	0	0	0	0	0
Lake*	3	0	0	2	0	0	0	0	1	0
Lake of the Woods	3	0	0	2	0	0	0	0	1	0
St. Louis	32	12	7	5	2	1	1	1	1	2
Total	115	40	27	20	9	6	5	3	3	2
9. Hennepin	11	5	3	0	0	0	0	0	1	2
Ramsey	7	0	1	0	0	0	0	0	0	6
Total	18	5	4	0	0	0	0	0	1	8
GRAND TOTAL	1,341	219	302	225	155	105	120	89	99	27

* Cook County was combined with Lake County to avoid revealing individual data.

Table 3. Associations by Commodity Type and Volume of Business

Commodity type	Total	Volume of business								
		Less than \$100,000	\$100,000- 199,999	\$200,000- 299,999	\$300,000- 399,999	\$400,000- 499,999	\$500,000- 699,999	\$700,000- 999,999	\$1,000,000- 1,999,999	\$2,000,000- and over
		number of associations								
Mixed dairy	19	1	2	5	2	3	4	0	1	1
Butter	434	47	120	86	69	41	30	24	14	3
Milk and cream	69	3	5	17	17	9	7	1	5	5
Cheese	16	6	3	2	0	1	0	2	1	1
Total dairy	538	57	130	110	88	54	41	27	21	10
Fruit	5	5	0	0	0	0	0	0	0	0
Vegetables	7	1	1	2	2	0	0	0	0	1
Total fruit and vegetables	12	6	1	2	2	0	0	0	0	1
Grain	232	2	8	13	18	21	55	45	63	7
Livestock	187	39	53	38	20	18	8	5	3	3
Poultry and eggs	36	3	7	4	6	1	5	4	6	0
Miscellaneous products*	3	1	0	1	0	0	0	0	1	0
TOTAL MARKETING	1,008	108	199	168	134	94	109	81	94	21
Mixed supplies	6	2	1	0	0	1	0	2	0	0
Petroleum products and auto supplies	164	24	61	42	15	7	6	4	3	2
Production supplies	44	12	15	7	3	1	2	0	1	3
General merchandise	86	45	24	7	3	2	3	1	1	0
TOTAL SUPPLIES	300	83	101	56	21	11	11	7	5	5
Miscellaneous services†	4	3	0	1	0	0	0	0	0	0
Frozen food lockers	21	19	2	0	0	0	0	0	0	0
Trucking	8	6	0	0	0	0	0	1	0	1
TOTAL SERVICES	33	28	2	1	0	0	0	1	0	1
GRAND TOTAL	1,341	219	302	225	155	105	120	89	99	27

* In this and succeeding tables miscellaneous products include wool, alfalfa, and seeds.

† In this and succeeding tables miscellaneous services include warehouse, repair, and mixed services.

Table 4. Associations by Commodity Type and Age of Association

		Age of association in years*							
Commodity type	Total	Less than 10	10-19	20-29	30-39	40-49	50-59	60-69	Unknown
number of associations									
Mixed dairy	19	0	1	7	4	5	2	0	0
Butter	434	13	23	79	127	104	81	1	6
Milk and cream	69	8	6	10	22	9	12	2	0
Cheese	16	2	2	6	5	1	0	0	0
Total dairy	538	23	32	102	158	119	95	3	6
Fruit	5	1	1	0	1	2	0	0	0
Vegetables	7	0	3	1	3	0	0	0	0
Total fruit and vegetables	12	1	4	1	4	2	0	0	0
Grain	232	38	30	33	71	49	5	2	4
Livestock	187	16	40	68	50	2	0	0	11
Poultry and eggs	36	9	4	12	7	3	1	0	0
Miscellaneous products	3	2	0	1	0	0	0	0	0
TOTAL MARKETING	1,008	89	110	217	290	175	101	5	21
Mixed supplies	6	1	0	0	3	1	1	0	0
Petroleum products and auto supplies	164	16	90	56	2	0	0	0	0
Production supplies	44	9	13	11	8	3	0	0	0
General merchandise	86	17	25	16	18	8	2	0	0
TOTAL SUPPLIES	300	43	128	83	31	12	3	0	0
Miscellaneous services	4	2	1	1	0	0	0	0	0
Frozen food lockers	21	15	6	0	0	0	0	0	0
Trucking	8	4	3	0	0	0	0	0	1
TOTAL SERVICES	33	21	10	1	0	0	0	0	1
GRAND TOTAL	1,341	153	248	301	321	187	104	5	22

* Ages of associations were computed from date of first organization as a cooperative to 1950.

Table 5. Associations by Commodity Type and Total Assets

Commodity type	Total	Total assets								
		Less than \$10,000	\$10,000- 29,999	\$30,000- 49,999	\$50,000- 69,999	\$70,000- 99,999	\$100,000- 149,999	\$150,000- 199,999	\$200,000- 299,999	\$300,000- and over
		number of associations								
Mixed dairy	19	0	0	2	2	9	4	0	1	1
Butter	434	13	106	84	77	53	50	20	19	12
Milk and cream	69	1	6	18	15	12	2	3	4	8
Cheese	16	1	6	1	4	0	1	0	0	3
Total dairy	538	15	118	105	98	74	57	23	24	24
Fruit	5	4	1	0	0	0	0	0	0	0
Vegetables	7	0	3	0	0	0	0	1	0	3
Total fruit and vegetables	12	4	4	0	0	0	0	1	0	3
Grain	232	0	6	24	31	48	52	38	23	10
Livestock	187	178	6	1	0	0	0	0	0	2
Poultry and eggs	36	2	7	6	6	3	4	1	4	3
Miscellaneous products	3	0	0	1	0	1	0	0	1	0
TOTAL MARKETING	1,008	199	141	137	135	126	113	63	52	42
Mixed supplies	6	0	2	0	1	1	2	0	0	0
Petroleum products and auto supplies	164	0	8	34	28	43	24	11	8	8
Production supplies	44	6	4	10	4	7	6	1	2	4
General merchandise	86	5	35	17	10	7	5	2	3	2
TOTAL SUPPLIES	300	11	49	61	43	58	37	14	13	14
Miscellaneous services	4	2	1	0	0	1	0	0	0	0
Frozen food lockers	21	3	11	2	3	2	0	0	0	0
Trucking	8	3	3	0	0	0	0	1	0	1
TOTAL SERVICES	33	8	15	2	3	3	0	1	0	1
GRAND TOTAL	1,341	218	205	200	181	187	150	78	65	57

Table 6. Associations by Commodity Type and Type of Affiliation

Commodity type	Total	Type of affiliation*				
		Local, independent	Local, member of a federation	Federation, independent	Federation, member of a federation	Unknown
		number of associations				
Mixed dairy	19	9	9	1	0	0
Butter	434	272	159	2	0	1
Milk and cream	69	43	18	3	5	0
Cheese	16	12	3	0	1	0
Total dairy	538	336	189	6	6	1
Fruit	5	5	0	0	0	0
Vegetables	7	7	0	0	0	0
Total fruit and vegetables	12	12	0	0	0	0
Grain	232	152	79	1	0	0
Livestock	187	18	165	3	0	1
Poultry and eggs	36	27	9	0	0	0
Miscellaneous products	3	3	0	0	0	0
TOTAL MARKETING	1,008	548	442	10	6	2
Mixed supplies	6	1	5	0	0	0
Petroleum products and auto supplies ..	164	29	131	2	2	0
General merchandise	86	24	62	0	0	0
Production supplies	44	21	20	3	0	0
TOTAL SUPPLIES	300	75	218	5	2	0
Miscellaneous services	4	3	0	1	0	0
Frozen food lockers	21	21	0	0	0	0
Trucking	8	3	0	5	0	0
TOTAL SERVICES	33	27	0	6	0	0
GRAND TOTAL	1,341	650	660	21	8	2

* Associations having natural persons as members were classified as "local," those having other co-operatives as members were classified as "federation," associations doing less than 25 per cent of their business with a federation were classified as "independent," those doing 25 per cent or more of their business with a federation were classified as "member of a federation."

Table 7. Associations by Commodity Type and Legal Status

Commodity type	Total	Legal status*						Unknown
		Not incorpor- ated	General corpora- tion laws	Early coopera- tive laws	Chapter 382, laws of 1919	Chapter 326, laws of 1923	Chapter 264, laws of 1923	
number of associations								
Mixed dairy	19	0	0	0	1	17	1	0
Butter	434	0	3	20	20	363	11	17
Milk and cream	69	0	0	3	3	55	2	6
Cheese	16	0	1	1	1	13	0	0
Total dairy	538	0	4	24	25	448	14	23
Fruit	5	0	0	0	0	3	1	1
Vegetables	7	0	1	0	0	6	0	0
Total fruit and vegetables	12	0	1	0	0	9	1	1
Grain	232	0	13	7	8	167	25	12
Livestock	187	12	3	2	0	12	147	11
Poultry and eggs	36	0	0	1	2	33	0	0
Miscellaneous products	3	0	0	0	0	3	0	0
TOTAL MARKETING	1,008	12	21	34	35	672	187	47
Mixed supplies	6	0	0	0	0	5	1	0
Petroleum products and auto supplies	164	0	0	0	1	160	0	3
Production supplies	44	0	2	0	2	36	3	1
General merchandise	86	0	1	2	4	75	1	3
TOTAL SUPPLIES	300	0	3	2	7	276	5	7
Miscellaneous services	4	0	0	0	1	3	0	0
Frozen food lockers	21	0	0	0	0	21	0	0
Trucking	8	1	0	0	0	5	1	1
TOTAL SERVICES	33	1	0	0	1	29	1	1
GRAND TOTAL	1,341	13	24	36	43	977	193	55

* Legal status pertains to the law under which the association was last incorporated.

Table 8. Associations by Commodity Type and Par Value of Common Stock

Commodity type	Total	Par value of common stock*						No common stock	
		\$1.00	\$5.00	\$10.00	\$12.50	\$25.00	\$50.00		\$100.00
		number of associations							
Mixed dairy	19	2	5	5	1	3	2	1	0
Butter	434	79	97	146	18	57	4	2	31
Milk and cream	69	16	18	10	4	9	6	4	2
Cheese	16	3	4	3	0	2	3	1	0
Total dairy	538	100	124	164	23	71	15	8	33
Fruit	5	2	1	1	0	0	0	0	1
Vegetables	7	2	0	1	0	2	0	2	0
Total fruit and vege- tables	12	4	1	2	0	2	0	2	1
Grain	232	20	8	47	13	105	21	18	0
Livestock	187	3	1	1	0	1	0	0	181
Poultry and eggs	36	5	9	11	3	6	0	1	1
Miscellaneous products	3	0	0	0	0	0	1	1	1
TOTAL MARKETING	1,008	132	143	225	39	185	37	30	217
Mixed supplies	6	0	0	6	0	0	0	0	0
Petroleum products and auto supplies	164	8	18	78	16	40	1	3	0
Production supplies	44	12	6	7	2	5	1	2	9
General merchandise	86	3	8	55	5	7	2	2	4
TOTAL SUPPLIES	300	23	32	146	23	52	4	7	13
Miscellaneous services	4	0	0	2	0	0	0	2	0
Frozen food lockers	21	4	1	7	1	4	1	1	2
Trucking	8	0	0	0	0	5	0	1	2
TOTAL SERVICES	33	4	1	9	1	9	1	4	4
GRAND TOTAL	1,341	159	176	380	63	246	42	41	234

* The more unusual par values usually were included in the nearest amount shown. The \$5.00 group includes \$2.50; \$12.50 includes \$15.00, \$16.00, and \$20.00; \$25.00 includes \$30.00; \$50.00 includes \$40.00; \$100.00 includes \$75.00; and "no common stock," includes one unknown.

Table 9. Associations by Commodity Type and Par Value of Preferred Stock

Commodity type	Total	Par value of preferred stock*						No preferred stock	
		\$1.00	\$5.00	\$10.00	\$12.50	\$25.00	\$50.00		\$100.00
		number of associations							
Mixed dairy	19	3	1	2	0	2	2	0	9
Butter	434	46	10	18	0	7	4	0	349
Milk and cream	69	11	2	2	0	1	0	0	53
Cheese	16	1	1	1	0	1	0	0	12
Total dairy	538	61	14	23	0	11	6	0	423
Fruit	5	0	0	0	0	0	0	0	5
Vegetables	7	2	0	0	0	0	0	1	4
Total fruit and vegetables	12	2	0	0	0	0	0	1	9
Grain	232	14	3	10	1	15	1	3	185
Livestock	187	2	0	0	0	0	0	0	185
Poultry and eggs	36	7	4	2	1	0	1	0	21
Miscellaneous products	3	0	0	0	0	0	0	0	3
TOTAL MARKETING	1,008	86	21	35	2	26	8	4	826
Mixed supplies	6	0	0	1	0	0	0	0	5
Petroleum products and auto supplies	164	0	11	46	6	22	0	3	76
Production supplies	44	2	1	3	1	7	0	0	30
General merchandise	86	4	2	3	1	1	0	0	75
TOTAL SUPPLIES	300	6	14	53	8	30	0	3	186
Miscellaneous services	4	0	0	1	0	1	0	0	2
Frozen food lockers	21	4	0	2	0	2	0	1	12
Trucking	8	2	0	0	0	1	0	1	4
TOTAL SERVICES	33	6	0	3	0	4	0	2	18
GRAND TOTAL	1,341	98	35	91	10	60	8	9	1,030

* The more unusual par values usually were included in the nearest amount shown. The \$5.00 group includes \$2.50; \$12.50 includes \$15.00, \$16.00, and \$20.00; \$25.00 includes \$30.00; \$50.00 includes \$40.00; \$100.00 includes \$75.00; and "no preferred stock" includes one unknown.

Table 10. Associations by Commodity Type and Type of Financial Requirement for Membership

Commodity type	Total	Type of financial requirement			
		Capital stock	Membership fee	Annual dues	None*
		number of associations			
Mixed dairy	19	19	0	0	0
Butter	434	402	22	0	10
Milk and cream	69	67	2	0	0
Cheese	16	16	0	0	0
Total dairy	538	504	24	0	10
Fruit	5	4	0	1	0
Vegetables	7	7	0	0	0
Total fruit and vegetables	12	11	0	1	0
Grain	232	232	0	0	0
Livestock	187	6	96	3	82
Poultry and eggs	36	35	0	0	1
Miscellaneous products	3	2	0	0	1
TOTAL MARKETING	1,008	790	120	4	94
Mixed supplies	6	6	0	0	0
Petroleum products and auto supplies	164	164	0	0	0
Production supplies	44	36	7	0	1
General merchandise	86	82	4	0	0
TOTAL SUPPLIES	300	288	11	0	1
Miscellaneous services	4	4	0	0	0
Frozen food lockers	21	19	1	0	1
Trucking	8	6	1	0	1
TOTAL SERVICES	33	29	2	0	2
GRAND TOTAL	1,341	1,107	133	4	97

* "None" includes two associations whose financial requirements were unknown.

Table 11. Associations by Commodity Type and Income Tax Exemption Status

Commodity type	Total	Federal income tax*			Minnesota income tax†		
		Exempt	Non-exempt	Unknown	Exempt	Non-exempt	Unknown
number of associations							
Mixed dairy	19	11	8	0	11	8	0
Butter	434	355	77	2	357	76	1
Milk and cream	69	59	9	1	58	10	1
Cheese	16	14	2	0	13	3	0
Total dairy	538	439	96	3	439	97	2
Fruit	5	4	1	0	4	1	0
Vegetables	7	4	3	0	4	3	0
Total fruit and vegetables	12	8	4	0	8	4	0
Grain	232	137	95	0	136	96	0
Livestock	187	142	36	9	140	38	9
Poultry and eggs	36	22	14	0	22	14	0
Miscellaneous products	3	2	1	0	2	1	0
TOTAL MARKETING	1,008	750	246	12	747	250	11
Mixed supplies	6	3	3	0	3	3	0
Petroleum products and auto supplies	164	59	105	0	60	104	0
Production supplies	44	21	23	0	22	22	0
General merchandise	86	24	62	0	24	62	0
TOTAL SUPPLIES	300	107	193	0	109	191	0
Miscellaneous services	4	1	3	0	1	3	0
Frozen food lockers	21	9	12	0	10	11	0
Trucking	8	7	1	0	6	2	0
TOTAL SERVICES	33	17	16	0	17	16	0
GRAND TOTAL	1,341	874	455	12	873	457	11

* Exemption was determined by letter of exemption from the Bureau of Internal Revenue.

† Exemption was determined by letter of exemption from the Minnesota Income Tax Division.

Table 12. Associations by Commodity Type and Type of Action Taken When a Member Ceases Farming or Patronizing the Association

Commodity type	Total	Type of action taken when a member ceases farming or patronizing the association*				Unknown
		Prompt retirement of stock or membership	Prompt conversion of stock or membership†	Prompt termination of voting rights	No action taken	
		number of associations				
Mixed dairy	19	6	0	0	13	0
Butter	434	154	3	28	244	5
Milk and cream	69	29	2	2	35	1
Cheese	16	8	0	0	7	1
Total dairy	538	197	5	30	299	7
Fruit	5	2	0	1	2	0
Vegetables	7	1	1	0	5	0
Total fruit and vegetables	12	3	1	1	7	0
Grain	232	78	3	2	145	4
Livestock	187	18	0	58	96	15
Poultry and eggs	36	9	0	2	24	1
Miscellaneous products	3	1	0	0	2	0
Total MARKETING	1,008	306	9	93	573	27
Mixed supplies	6	2	0	0	4	0
Petroleum products and auto supplies	164	22	1	3	137	1
Production supplies	44	3	0	2	37	2
General merchandise	86	7	0	0	76	3
Total SUPPLIES	300	34	1	5	254	6
Miscellaneous services	4	0	0	0	3	1
Frozen food lockers	21	5	0	1	14	1
Trucking	8	4	1	0	2	1
Total SERVICES	33	9	1	1	19	3
GRAND TOTAL	1,341	349	11	99	846	36

* Any action taken within a reasonable period of time was considered to be prompt, usually a period of six months to two years, depending on the type of commodities handled by the association.

† Conversion of stock was to some nonvoting form, such as preferred stock or certificates of interest.

Table 13. Associations by Commodity Type and Maximum Dividend Rate Permitted on Common Stock

Commodity type	Total	Maximum dividend rate permitted on common stock (per cent)*								Non-stock
		None permitted	3	4	5	6	8	No limit	Unknown	
		number of associations								
Mixed dairy	19	2	0	2	1	13	1	0	0	0
Butter	434	54	1	37	10	231	59	0	12	30
Milk and cream	69	15	1	3	2	35	9	0	2	2
Cheese	16	5	0	0	1	6	3	0	1	0
Total dairy	538	76	2	42	14	285	72	0	15	32
Fruit	5	0	0	1	0	3	0	0	0	1
Vegetables	7	2	1	0	0	3	0	1	0	0
Total fruit and vegetables	12	2	1	1	0	6	0	1	0	1
Grain	232	14	0	31	1	151	26	2	7	0
Livestock	187	3	0	0	0	1	1	0	2	180
Poultry and eggs	36	3	0	4	0	24	3	0	1	1
Miscellaneous products	3	0	0	0	0	2	0	0	0	1
TOTAL MARKETING	1,008	98	3	78	15	469	102	3	25	215
Mixed supplies	6	0	1	1	0	4	0	0	0	0
Petroleum products and auto supplies	164	7	14	46	9	68	17	0	3	0
Production supplies	44	4	2	11	1	15	2	0	0	9
General merchandise	86	3	14	12	5	41	5	1	1	4
TOTAL SUPPLIES	300	14	31	70	15	128	24	1	4	13
Miscellaneous services	4	0	1	0	0	3	0	0	0	0
Frozen food lockers	21	3	0	3	0	13	0	0	0	2
Trucking	8	0	0	3	0	1	0	0	2	2
TOTAL SERVICES	33	3	1	6	0	17	0	0	2	4
GRAND TOTAL	1,341	115	35	154	30	614	126	4	31	232

* Maximum dividend rates tabulated were those specified in articles of incorporation and by-laws. The 3 per cent group includes six associations with 2 per cent limits, and the 8 per cent group includes four associations with 7 per cent limits.

Table 14. Associations by Commodity Type and Maximum Dividend Rate Permitted on Preferred Stock

Commodity type	Total	Maximum dividend rate permitted on preferred stock (per cent) *							No preferred stock
		None permitted	3	4	5	6	8	Un-known	
number of associations									
Mixed dairy	19	0	0	2	0	8	0	0	9
Butter	434	4	4	31	0	44	3	0	348
Milk and cream	69	1	0	8	0	7	0	0	53
Cheese	16	0	1	0	1	2	0	0	12
Total dairy	538	5	5	41	1	61	3	0	422
Fruit	5	0	0	0	0	0	0	0	5
Vegetables	7	0	0	3	0	0	0	0	4
Total fruit and vegetables	12	0	0	3	0	0	0	0	9
Grain	232	7	2	21	0	15	0	2	185
Livestock	187	0	0	1	0	0	1	1	184
Poultry and eggs	36	0	1	5	0	9	0	0	21
Miscellaneous products	3	0	0	0	0	0	0	0	3
TOTAL MARKETING	1,008	12	8	71	1	85	4	3	824
Mixed supplies	6	0	0	0	0	1	0	0	5
Petroleum products and auto supplies	164	3	9	37	5	32	0	2	76
Production supplies	44	0	0	10	1	2	1	0	30
General merchandise	86	1	1	4	0	5	0	0	75
TOTAL SUPPLIES	300	4	10	51	6	40	1	2	186
Miscellaneous services	4	0	1	0	0	1	0	0	2
Frozen food lockers	21	0	0	3	0	6	0	0	12
Trucking	8	0	0	3	0	1	0	0	4
TOTAL SERVICES	33	0	1	6	0	8	0	0	18
GRAND TOTAL	1,341	16	19	128	7	133	5	5	1,028

* Maximum dividend rates tabulated were those specified in articles of incorporation and by-laws. The 3 per cent group includes five associations with 2 per cent limits.

Table 17. Associations by Commodity Type and Patronage Refund Distributions Made During the Last Five Years (1945-49)

Commodity type	Total	Number of patronage refund distributions made during the last five years*						
		None	1	2	3	4	5	Unknown
		number of associations						
Mixed dairy	19	0	0	0	0	1	17	1
Butter	434	84	12	15	27	55	235	6
Milk and cream	69	6	4	4	2	16	36	1
Cheese	16	4	0	0	1	3	5	3
Total dairy	538	94	16	19	30	75	293	11
Fruit	5	3	0	1	0	0	1	0
Vegetables	7	0	1	0	1	3	2	0
Total fruit and vegetables	12	3	1	1	1	3	3	0
Grain	232	8	6	14	16	34	150	4
Livestock	187	126	7	3	4	6	24	17
Poultry and eggs	36	5	4	1	0	5	20	1
Miscellaneous products	3	0	0	0	0	1	2	0
TOTAL MARKETING	1,008	236	34	38	51	124	492	33
Mixed supplies	6	0	0	0	1	0	5	0
Petroleum products and auto supplies	164	4	0	2	10	8	138	2
Production supplies	44	8	1	1	2	4	28	0
General merchandise	86	11	7	4	6	14	44	0
TOTAL SUPPLIES	300	23	8	7	19	26	215	2
Miscellaneous services	4	2	0	0	0	1	1	0
Frozen food lockers	21	12	1	0	2	4	2	0
Trucking	8	2	1	1	0	1	3	0
TOTAL SERVICES	33	16	2	1	2	6	6	0
GRAND TOTAL	1,341	275	44	46	72	156	713	35

* Patronage refund distributions include all types of allocations of net margins and net losses made on a patronage basis.

Membership and Patronage

Table 18. Number of Members and Patrons by County

Type of farming area and county	Number of associations	Total numbers			
		Individual members	Association members	Member patrons	Total patrons
1. Dakota	9	41,542	693	35,730	116,534
Dodge	10	3,140	0	3,037	3,718
Fillmore	16	6,536	0	5,503	8,193
Goodhue	19	5,667	3	4,459	5,781
Houston	12	3,097	0	2,488	3,008
Mower	9	2,549	0	2,042	2,189
Olmsted	9	9,475	15	8,416	11,500
Wabasha	13	3,211	0	2,584	4,166
Washington	2	1,400	0	894	1,800
Winona	17	2,471	0	2,165	2,926
Total	116	79,088	711	67,318	159,815
2. Blue Earth	21	4,672	0	3,800	4,917
Brown	18	5,896	0	5,373	8,888
Carver	9	3,065	0	2,866	3,858
Freeborn	27	10,315	0	8,412	15,604
Le Sueur	10	2,722	0	2,506	3,628
McLeod	18	6,294	0	5,511	7,359
Meeker	21	3,553	25	2,634	4,833
Nicollet	19	3,784	15	3,304	4,053
Rice	15	4,671	0	4,013	5,816
Scott	6	1,963	8	1,628	2,061
Sibley	15	2,885	12	2,697	3,569
Stearns	35	6,619	0	4,850	7,820
Steele	24	4,871	24	4,232	6,023
Waseca	14	1,774	0	1,556	1,884
Wright	24	4,846	0	3,854	5,577
Total	276	67,930	84	57,236	85,890

Table 18. Number of Members and Patrons by County—Continued

Type of farming area and county	Number of associations	Total numbers			
		Individual members	Association members	Member patrons	Total patrons
3. Cottonwood	19	6,143	0	5,227	9,842
Faribault	27	6,681	0	6,082	11,237
Jackson	17	6,923	0	6,015	10,031
Lincoln	16	8,614	0	7,934	10,046
Lyon	22	11,278	0	10,199	15,285
Martin	18	5,004	0	4,239	5,823
Murray	12	5,470	0	5,083	6,305
Nobles	12	6,502	0	5,836	9,661
Pipestone	11	4,402	0	3,865	5,877
Rock	9	4,995	0	4,460	6,377
Watonwan	20	4,862	0	4,448	5,609
Total	183	70,874	0	63,388	96,095
4. Big Stone	10	3,027	0	2,705	4,222
Chippewa	14	6,129	0	5,461	9,504
Grant	22	6,206	0	5,313	8,138
Kandiyohi	20	6,729	0	6,252	8,576
Lac qui Parle	15	7,312	0	6,823	9,730
Pope	13	3,005	0	2,629	3,055
Redwood	25	9,268	0	7,615	12,845
Stevns	28	9,403	4	8,639	12,977
Stevens	14	5,694	0	5,192	6,775
Swift	18	7,079	41	6,248	9,081
Traverse	9	4,284	0	3,959	5,006
Yellow Medicine	20	9,764	0	9,037	11,620
Total	208	77,900	45	69,873	101,529
5. Anoka	0	0	0	0	0
Benton	9	2,215	0	1,782	1,938
Chisago	12	5,125	0	4,188	6,701
Isanti	12	6,737	24	5,740	7,475
Kanabec	9	5,178	0	4,432	6,953
Mille Lacs	13	7,169	6	5,751	8,600
Morrison	26	5,752	0	4,677	5,628
Pine	20	5,724	0	4,792	5,948
Sherburne	3	703	0	679	799
Total	104	38,603	30	32,041	44,042
6. Becker	15	6,881	17	6,537	8,449
Douglas	25	7,097	0	5,666	8,016
Mahnomen	4	952	0	860	1,055
Otter Tail	48	18,633	7	16,573	24,831
Pennington	9	4,719	0	3,432	4,170
Red Lake	13	3,582	0	3,167	4,389
Roseau	19	7,216	0	6,624	9,485
Todd	23	7,381	12	6,878	7,762
Wadena	10	6,564	136	5,627	6,902
Total	166	63,025	172	55,364	75,059
7. Clay	16	7,341	0	6,536	8,433
Kittson	20	5,253	0	4,647	5,655
Marshall	34	10,255	0	8,301	11,494
Norman	24	4,577	0	4,025	5,376
Polk	50	14,636	0	11,612	15,956
Wilkin	11	1,671	0	1,528	2,761
Total	155	43,733	0	36,649	49,675
8. Aitkin	12	5,294	0	4,581	5,731
Beltrami	4	3,486	0	2,985	4,435
Carlton	12	10,257	35	9,039	13,033
Cass	3	247	0	237	320
Clearwater	13	4,594	0	3,480	6,022
Cook* .....	.....	.....	.....	.....	.....
Crow Wing	7	2,333	0	1,562	3,413
Hubbard	7	2,303	0	1,859	2,464
Itasca	12	5,728	0	4,128	6,242
Koochiching	7	1,210	0	940	1,210
Lake*	3	747	0	510	900
Lake of the Woods	3	2,119	0	1,930	2,553
St. Louis	32	17,037	24	13,415	23,354
Total	115	55,355	59	44,666	69,677
9. Hennepin	11	11,280	650	11,701	19,457
Ramsey	7	10,674	190	8,322	72,357
Total	18	21,954	840	20,023	91,814
GRAND TOTAL	1,341	518,462	1,941	446,558	773,596

* Cook County was combined with Lake County to avoid revealing individual data.

Table 19. Number of Members and Patrons by Commodity Type

Commodity type	Number of associations	Total numbers				Average number per association			Percentage of members who are patrons	Percentage of patrons who are members
		Individual members	Association members	Member patrons	Patrons	All members	Member patrons	Patrons		
Mixed dairy	19	5,383	24	4,638	7,980	285	244	420	85.8	58.1
Butter	434	100,577	439	84,924	104,762	233	196	241	84.1	81.1
Milk and cream	69	22,315	109	17,497	20,087	325	254	291	78.0	87.1
Cheese	16	2,308	3	1,915	2,150	144	120	134	82.9	89.1
Total dairy	538	130,583	575	108,974	134,979	244	203	251	83.1	80.7
Fruit	5	476	0	370	390	95	74	78	77.7	94.9
Vegetables	7	1,085	0	779	893	155	111	128	71.8	87.2
Total fruit and vegetables	12	1,561	0	1,149	1,283	130	96	107	73.6	89.6
Grain	232	96,213	93	85,595	169,955	415	369	733	88.9	50.4
Livestock	187	72,948	443	63,277	143,089	392	338	765	86.2	44.2
Poultry and eggs	36	14,655	0	13,232	17,120	407	368	476	90.3	77.3
Miscellaneous products	3	9,619	0	9,616	9,656	3,206	3,205	3,219	99.9	99.6
TOTAL MARKETING	1,008	325,579	1,111	281,843	476,082	324	280	472	86.3	59.2
Mixed supplies	6	2,203	0	2,068	3,175	367	345	529	93.9	65.1
Petroleum products and auto supplies.....	164	122,074	330	105,587	164,784	746	644	1,005	86.3	64.1
Production supplies	44	23,724	274	20,508	70,223	545	466	1,596	85.4	29.2
General merchandise	86	38,348	0	30,303	49,122	446	352	571	79.0	61.5
TOTAL SUPPLIES	300	186,349	604	158,466	287,304	623	528	958	84.5	55.2
Miscellaneous services	4	610	24	558	1,454	158	140	364	88.0	38.4
Frozen food lockers	21	5,863	0	5,432	8,210	279	259	391	92.6	66.2
Trucking	8	61	202	259	546	33	32	68	98.5	47.4
TOTAL SERVICES	33	6,534	226	6,249	10,210	205	189	309	92.4	61.2
GRAND TOTAL	1,341	518,462	1,941	446,558	773,596	388	333	577	85.8	57.7

Table 20. Associations by Commodity Type and Percentage of Members Who Are Farmers

Commodity type	Total	Percentage of members who are farmers						
		Less than 50	50-59	60-69	70-79	80-89	90-100	Unknown
		number of associations						
Mixed dairy	19	0	0	0	0	4	15	0
Butter	434	2	1	7	8	40	368	8
Milk and cream	69	3	0	2	1	4	58	1
Cheese	16	0	0	0	0	1	14	1
Total dairy	538	5	1	9	9	49	455	10
Fruit	5	0	0	0	0	0	5	0
Vegetables	7	0	0	0	0	0	7	0
Total fruit and vegetables	12	0	0	0	0	0	12	0
Grain	232	0	2	2	16	15	195	2
Livestock	187	0	3	1	0	0	178	5
Poultry and eggs	36	1	0	0	2	2	30	1
Miscellaneous products	3	0	0	0	0	0	3	0
TOTAL MARKETING	1,008	6	6	12	27	66	873	18
Mixed supplies	6	0	0	0	0	2	4	0
Petroleum products and auto supplies	164	1	0	2	14	34	111	2
Production supplies	44	0	2	1	1	7	32	1
General merchandise	86	12	4	6	10	11	41	2
TOTAL SUPPLIES	300	13	6	9	25	54	188	5
Miscellaneous services	4	0	0	0	1	0	3	0
Frozen food lockers	21	1	0	1	4	6	9	0
Trucking	8	0	0	0	0	0	8	0
TOTAL SERVICES	33	1	0	1	5	6	20	0
GRAND TOTAL	1,341	20	12	22	57	126	1,081	23

Table 21. Associations by Commodity Type and Percentage of Marketing Business with Members

Commodity type	Total	Percentage of marketing business with members							
		50 or less	51-60	61-70	71-80	81-90	91-100	Unknown	Not applicable
		number of associations							
Mixed dairy	19	1	0	0	3	3	12	0	0
Butter	434	9	6	16	44	91	263	5	0
Milk and cream	69	1	0	1	10	16	40	1	0
Cheese	16	0	0	0	1	2	12	1	0
Total dairy	538	11	6	17	58	112	327	7	0
Fruit	5	0	2	1	0	2	0	0	0
Vegetables	7	0	5	0	1	1	0	0	0
Total fruit and vegetables	12	0	7	1	1	3	0	0	0
Grain	232	15	21	20	40	72	61	3	0
Livestock	187	3	1	1	8	8	159	7	0
Poultry and eggs	36	1	0	2	5	8	20	0	0
Miscellaneous products	3	0	0	0	0	1	2	0	0
TOTAL MARKETING	1,008	30	35	41	112	204	569	17	0
Mixed supplies	6	1	0	0	0	0	5	0	0
Petroleum products and auto supplies	164	1	0	0	1	0	6	1	155
Production supplies	44	1	1	0	1	3	1	1	36
General merchandise	86	4	0	0	2	1	16	1	62
TOTAL SUPPLIES	300	7	1	0	4	4	28	3	253
Miscellaneous services	4	0	0	0	0	0	0	0	4
Frozen food lockers	21	1	0	0	3	0	6	0	11
Trucking	8	0	0	0	0	1	1	0	6
TOTAL SERVICES	33	1	0	0	3	1	7	0	21
GRAND TOTAL	1,341	38	36	41	119	209	604	20	274

Table 22. Associations by Commodity Type and Percentage of Supply and Service Business with Nonmember Nonfarmers

Commodity type	Total	Percentage of supply and service business with nonmember nonfarmers			
		15 or less	More than 15	Unknown	Not applicable
number of associations					
Mixed dairy	19	17	2	0	0
Butter	434	401	13	4	16
Milk and cream	69	62	1	1	5
Cheese	16	13	0	1	2
Total dairy	538	493	16	6	23
Fruit	5	4	0	0	1
Vegetables	7	5	0	0	2
Total fruit and vegetables	12	9	0	0	3
Grain	232	220	8	3	1
Livestock	187	136	2	4	45
Poultry and eggs	36	32	4	0	0
Miscellaneous products	3	2	0	0	1
TOTAL MARKETING	1,008	892	30	13	73
Mixed supplies	6	6	0	0	0
Petroleum products and auto supplies	164	154	9	1	0
Production supplies	44	42	1	1	0
General merchandise	86	59	26	1	0
TOTAL SUPPLIES	300	261	36	3	0
Miscellaneous services	4	4	0	0	0
Frozen food lockers	21	19	2	0	0
Trucking	8	8	0	0	0
TOTAL SERVICES	33	31	2	0	0
GRAND TOTAL	1,341	1,184	68	16	73

Table 23. Associations by Commodity Type and Percentage of Total Business with Members

Commodity type	Total	Percentage of total business with members						
		50 or less	51-60	61-70	71-80	81-90	91-100	Unknown
		number of associations						
Mixed dairy	19	1	0	0	3	5	10	0
Butter	434	9	5	17	41	98	259	5
Milk and cream	69	1	0	1	10	15	41	1
Cheese	16	0	0	0	1	2	12	1
Total dairy	538	11	5	18	55	120	322	7
Fruit	5	0	0	0	0	1	4	0
Vegetables	7	1	0	0	0	3	3	0
Total fruit and vegetables	12	1	0	0	0	4	7	0
Grain	232	15	17	22	40	77	58	3
Livestock	187	3	1	1	8	9	160	5
Poultry and eggs	36	1	0	3	3	10	19	0
Miscellaneous products	3	0	0	0	0	1	2	0
TOTAL MARKETING	1,008	31	23	44	106	221	568	15
Mixed supplies	6	0	0	1	0	4	1	0
Petroleum products and auto supplies	164	4	5	12	47	62	33	1
Production supplies	44	4	4	2	8	8	17	1
General merchandise	86	15	5	10	18	17	20	1
TOTAL SUPPLIES	300	23	14	25	73	91	71	3
Miscellaneous services	4	1	1	0	0	1	1	0
Frozen food lockers	21	4	1	1	6	4	5	0
Trucking	8	0	0	1	0	1	6	0
TOTAL SERVICES	33	5	2	2	6	6	12	0
GRAND TOTAL	1,341	59	39	71	185	318	651	18

Personnel

Table 24. Associations by Commodity Type and Length of Manager's Managerial Experience

Commodity type	Total	Length of manager's managerial experience in years									
		Less than 2	2-4	5-9	10-14	15-19	20-24	25-29	30-34	35 and over	Un- known
		number of associations									
Mixed dairy	19	0	2	3	1	4	6	2	0	0	1
Butter	434	22	75	98	58	52	40	34	21	23	11
Milk and Cream	69	4	9	24	4	7	3	4	6	5	3
Cheese	16	0	3	0	2	2	1	1	4	0	3
Total dairy	538	26	89	125	65	65	50	41	31	28	18
Fruit	5	1	2	1	1	0	0	0	0	0	0
Vegetables	7	1	1	4	1	0	0	0	0	0	0
Total fruit and vegetables	12	2	3	5	2	0	0	0	0	0	0
Grain	232	11	37	56	31	29	20	17	9	12	10
Livestock	187	33	40	39	20	10	8	4	2	0	31
Poultry and eggs	36	4	9	6	7	4	2	0	2	1	1
Miscellaneous products	3	0	0	1	1	0	0	0	0	0	1
TOTAL MARKETING	1,008	76	178	232	126	108	80	62	44	41	61
Mixed supplies	6	1	1	0	3	0	0	1	0	0	0
Petroleum products and auto supplies	164	21	42	37	31	15	11	3	0	1	3
Production supplies	44	7	8	7	10	2	4	1	3	1	1
General merchandise	86	12	32	18	11	1	4	1	3	1	3
TOTAL SUPPLIES	300	41	83	62	55	18	19	6	6	3	7
Miscellaneous services	4	0	1	0	0	1	1	0	0	0	1
Frozen food lockers	21	7	6	6	1	0	0	0	0	0	1
Trucking	8	1	3	1	1	1	0	1	0	0	0
TOTAL SERVICES	33	8	10	7	2	2	1	1	0	0	2
GRAND TOTAL	1,341	125	271	301	183	128	100	69	50	44	70

Table 25. Types and Amounts of Compensation to Managers by Commodity Type

Commodity type	Number of associations reporting	Total amount of compensation				Average amount of compensation per association reporting*			
		Salaries	Bonuses	Commissions	Total	Salaries	Bonuses	Commissions	Total
					dollars				
Mixed dairy	19	50,860	300	25,790	76,950	2,677	16	1,357	4,050
Butter	429	1,113,140	4,200	481,491	1,598,831	2,595	10	1,122	3,727
Milk and cream	65	167,590	600	96,945	265,135	2,578	9	1,492	4,079
Cheese	15	38,720	0	19,908	58,628	2,581	0	1,327	3,908
Total dairy	528	1,370,310	5,100	624,134	1,999,544	2,595	10	1,182	3,787
Fruit	5	2,294	0	1,413	3,707	459	0	283	742
Vegetables	7	25,950	0	1,987	27,937	3,707	0	284	3,991
Total fruit and vegetables	12	28,244	0	3,400	31,644	2,354	0	283	2,637
Grain	231	803,124	41,388	53,618	898,130	3,477	179	232	3,888
Livestock	185	48,908	1,707	88,455	139,070	264	9	479	752
Poultry and eggs	36	94,842	4,760	66,323	165,925	2,635	132	1,842	4,609
Miscellaneous products	3	7,250	0	193	7,443	2,417	0	64	2,481
TOTAL MARKETING	995	2,352,678	52,955	836,123	3,241,756	2,365	53	840	3,258
Mixed supplies	5	13,980	50	340	14,370	2,796	10	68	2,874
Petroleum products and auto supplies	162	381,164	3,463	245,449	630,076	2,353	21	1,515	3,889
Production supplies	41	112,169	610	11,291	124,070	2,736	15	275	3,026
General merchandise	86	261,030	1,585	9,993	272,608	3,035	19	116	3,170
TOTAL SUPPLIES	294	768,343	5,708	267,073	1,041,124	2,613	19	909	3,541
Miscellaneous services	4	8,080	0	252	8,332	2,020	0	63	2,083
Frozen food lockers	21	39,190	0	5,153	44,343	1,866	0	246	2,112
Trucking	8	13,965	0	3,447	17,412	1,746	0	431	2,177
TOTAL SERVICES	33	61,235	0	8,852	70,087	1,856	0	268	2,124
GRAND TOTAL	1,322	3,182,256	58,663	1,112,048	4,352,967	2,407	45	841	3,293

* These figures should not be confused with the average amounts received by managers. Many managers, especially of livestock and service associations, are paid little or nothing by the association, their fees being paid directly by the farmers in most cases.

Table 26. Associations by Commodity Type and Basis of Manager's Commissions

Commodity type	Total	Basis of commissions					Total paying commissions	Unknown	Number not paying commissions
		Physical volume handled	Gross sales or receipts	Fixed percentage of net margin	Variable percentage of net margin*	Other†			
				number of associations					
Mixed dairy	19	0	8	0	1	0	9	0	10
Butter	434	47	142	3	2	3	197	5	232
Milk and cream	69	4	27	0	1	1	33	3	33
Cheese	16	4	1	0	0	0	5	1	10
Total dairy	538	55	178	3	4	4	244	9	285
Fruit	5	1	1	0	0	0	2	0	3
Vegetables	7	0	1	0	0	0	1	0	6
Total fruit and vegetables	12	1	2	0	0	0	3	0	9
Grain	232	0	0	36	12	0	48	1	183
Livestock	187	41	2	4	0	5	52	4	131
Poultry and eggs	36	3	11	0	0	0	14	1	21
Miscellaneous products	3	0	0	0	0	1	1	0	2
TOTAL MARKETING	1,008	100	193	43	16	10	362	15	631
Mixed supplies	6	0	0	1	0	0	1	1	4
Petroleum products and auto supplies	164	41	4	4	6	2	57	4	103
Production supplies	44	0	3	2	2	1	8	1	35
General merchandise	86	0	1	3	2	3	9	0	77
TOTAL SUPPLIES	300	41	8	10	10	6	75	6	219
Miscellaneous services	4	0	0	0	0	0	0	1	3
Frozen food lockers	21	1	1	0	0	1	3	0	18
Trucking	8	1	0	0	0	0	1	1	6
TOTAL SERVICES	33	2	1	0	0	1	4	2	27
GRAND TOTAL	1,341	143	202	53	26	17	441	23	877

* "Variable percentage of net margin" includes a number of different plans, some of which have percentages increasing by steps as margins increase, some apply a fixed percentage up to a certain amount, some apply a percentage on net margins in excess of a specified amount, and some add certain expenses, not subject to the manager's control (such as depreciation and taxes), to the net margin before calculating the commissions.

† "Other" is composed chiefly of commissions based on specified commodities rather than the total business of the association. Most of them are based on gross sales or volume of a specified commodity handled.

Table 27. Associations by Commodity Type and Total Compensation of Manager

Commodity type	Total	Total compensation of manager										Unknown
		Less than \$1,000	\$1,000-1,999	\$2,000-2,999	\$3,000-3,999	\$4,000-4,999	\$5,000-5,999	\$6,000-6,999	\$7,000-7,999	\$8,000-8,999	\$9,000 and over	
		number of associations										
Mixed dairy	19	0	1	2	6	5	5	0	0	0	0	0
Butter	434	6	3	88	183	96	34	13	4	1	2	4
Milk and cream	69	3	4	7	25	12	6	5	0	0	4	3
Cheese	16	1	0	3	7	1	1	1	0	0	1	1
Total dairy	538	10	8	100	221	114	46	19	4	1	7	8
Fruit	5	4	1	0	0	0	0	0	0	0	0	0
Vegetables	7	0	2	0	1	2	1	0	0	1	0	0
Total fruit and vegetables	12	4	3	0	1	2	1	0	0	1	0	0
Grain	232	0	2	40	102	53	21	8	3	1	2	0
Livestock	187	140	21	12	6	0	2	0	0	1	2	3
Poultry and eggs	36	0	3	7	13	6	3	1	1	1	1	0
Miscellaneous products	3	0	0	3	0	0	0	0	0	0	0	0
TOTAL MARKETING	1,008	154	37	162	343	175	73	28	8	5	12	11
Mixed supplies	6	0	0	3	1	1	0	0	0	0	0	1
Petroleum products and auto supplies	164	4	5	22	73	28	12	6	4	4	5	1
Production supplies	44	7	0	11	14	4	3	2	0	0	3	0
General merchandise	86	0	2	32	42	10	0	0	0	0	0	0
TOTAL SUPPLIES	300	11	7	68	130	43	15	8	4	4	8	2
Miscellaneous services	4	2	0	0	1	0	1	0	0	0	0	0
Frozen food lockers	21	4	2	7	8	0	0	0	0	0	0	0
Trucking	8	4	1	0	1	0	1	1	0	0	0	0
TOTAL SERVICES	33	10	3	7	10	0	2	1	0	0	0	0
GRAND TOTAL	1,341	175	47	237	483	218	90	37	12	9	20	13

Table 28. Number and Types of Employees by Commodity Type

Commodity type	Number of associations	Number of managerial and office employees			Number of plant and sales employees			Total man-years
		All year*	Peak season	Man-years	All year*	Peak season	Man-years	
Mixed dairy	19	66	70	66	184	248	190	256
Butter	434	1,232	1,349	1,221	3,057	3,403	3,162	4,383
Milk and cream	69	330	339	323	1,029	1,097	1,049	1,372
Cheese	16	28	31	26	113	162	134	160
Total dairy	538	1,656	1,789	1,636	4,383	4,910	4,535	6,171
Fruit	5	2	6	2	0	2	0	2
Vegetables	7	16	20	15	26	864	132	147
Total fruit and vegetables	12	18	26	17	26	866	132	149
Grain	232	1,011	1,038	1,014	756	910	780	1,794
Livestock	187	306	323	306	119	137	119	425
Poultry and eggs	36	87	100	90	249	821	407	497
Miscellaneous products	3	4	4	4	3	25	11	15
TOTAL MARKETING	1,008	3,082	3,280	3,067	5,536	7,669	5,984	9,051
Mixed supplies	6	15	17	16	23	30	26	42
Petroleum products and auto supplies	164	312	318	308	357	621	424	732
Production supplies	44	748	811	760	1,406	1,653	1,493	2,253
General merchandise	86	149	163	144	375	462	402	546
TOTAL SUPPLIES	300	1,224	1,309	1,228	2,161	2,766	2,345	3,573
Miscellaneous services	4	6	6	5	14	18	15	20
Frozen food lockers	21	25	30	26	18	29	21	47
Trucking	8	21	24	20	72	87	76	96
TOTAL SERVICES	33	52	60	51	104	134	112	163
GRAND TOTAL	1,341	4,358	4,649	4,346	7,801	10,569	8,441	12,787

* All year does not necessarily indicate full-time employment.

Table 29. Associations by Commodity Type and Total Number of Employees

Commodity type	Total	Total number of employees, full-time (man-year) equivalent											Un-known
		Less than 2.0	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-14.9	15.0-29.9	30.0 and over	
		number of associations											
Mixed dairy	19	0	1	2	0	1	0	2	3	6	3	1	0
Butter	434	65	78	46	57	42	21	26	32	38	23	5	1
Milk and cream	69	6	13	15	8	6	2	3	3	1	2	10	0
Cheese	16	4	2	3	1	0	0	1	0	0	2	2	1
Total dairy	538	75	94	66	66	49	23	32	38	45	30	18	2
Fruit	5	5	0	0	0	0	0	0	0	0	0	0	0
Vegetables	7	1	0	0	1	0	1	0	0	0	2	2	0
Total fruit and vegetables	12	6	0	0	1	0	1	0	0	0	2	2	0
Grain	232	21	61	46	35	20	19	10	6	7	6	1	0
Livestock	187	174	7	3	0	0	1	0	0	0	0	2	0
Poultry and eggs	36	1	2	3	4	6	2	3	0	3	7	5	0
Miscellaneous products	3	2	0	0	0	0	0	0	0	1	0	0	0
TOTAL MARKETING	1,008	279	164	118	106	75	46	45	44	56	45	28	2
Mixed supplies	6	1	1	0	0	0	1	0	1	2	0	0	0
Petroleum products and auto supplies	164	2	11	21	19	15	22	15	24	19	9	7	0
Production supplies	44	7	8	7	5	1	3	1	3	3	3	3	0
General merchandise	86	10	19	15	11	8	4	6	2	3	5	3	0
TOTAL SUPPLIES	300	20	39	43	35	24	30	22	30	27	17	13	0
Miscellaneous services	4	2	0	0	0	1	0	0	0	1	0	0	0
Frozen food lockers	21	10	7	1	2	0	1	0	0	0	0	0	0
Trucking	8	2	4	0	0	0	0	0	0	0	1	1	0
TOTAL SERVICES	33	14	11	1	2	1	1	0	0	1	1	1	0
GRAND TOTAL	1,341	313	214	162	143	100	77	67	74	84	63	42	2

Table 30. Associations by Volume of Business and Total Number of Employees

Volume of business	Total	Total number of employees, full-time (man-year) equivalent											Un- known
		Less than 2.0	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-14.9	15.0-29.9	30.0 and over	
		number of associations											
Less than \$100,000	219	115	65	27	9	2	0	0	0	0	0	0	1
\$ 100,000- \$199,999	302	98	53	44	37	26	27	10	5	2	0	0	0
200,000- 299,999	225	38	35	27	31	25	14	15	25	13	1	1	0
300,000- 399,999	155	23	12	19	21	16	11	18	13	15	6	1	0
400,000- 499,999	105	17	14	7	8	13	3	8	12	17	6	0	0
500,000- 699,999	120	13	20	17	14	5	2	4	9	20	12	3	1
700,000- 999,999	89	5	11	13	4	7	7	4	7	9	19	3	0
1,000,000-1,999,999	99	4	4	8	19	6	11	8	2	6	15	16	0
2,000,000 and over	27	0	0	0	0	0	2	0	1	2	4	18	0
Total	1,341	313	214	162	143	100	77	67	74	84	63	42	2

Table 31. Associations by Total Assets and Total Number of Employees

Total assets	Total	Total number of employees, full-time (man-year) equivalent											Un- known
		Less than 2.0	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-14.9	15.0-29.9	30.0 and over	
		number of associations											
Less than \$10,000	218	202	12	4	0	0	0	0	0	0	0	0	0
\$ 10,000-\$29,999	205	78	76	26	11	8	4	0	1	0	0	0	1
30,000- 49,999	200	23	55	52	33	24	8	3	1	1	0	0	0
50,000- 69,999	181	4	33	32	36	21	17	17	10	10	1	0	0
70,000- 99,999	187	3	23	23	33	25	20	21	20	17	2	0	0
100,000- 149,999	150	2	7	12	16	17	15	14	24	32	11	0	0
150,000- 199,999	78	0	7	5	11	4	9	8	10	9	12	2	1
200,000-299,999	65	1	0	5	3	1	3	4	6	14	23	5	0
300,000 and over	57	0	1	3	0	0	1	0	2	1	14	35	0
Total	1,341	313	214	162	143	100	77	67	74	84	63	42	2

Table 32. Consolidated Balance Sheet by Commodity Type
Part I. Current Assets

Commodity type	Number of associations reporting	Cash	U. S. bonds	Receivables					Inventories	Other current assets	Total current assets
				Notes receivable	Accounts receivable—general	Accounts receivable—patrons	Less: reserve for bad debts	Net receivables			
thousand dollars											
Local associations and minor federations											
Mixed dairy	19	133	5	6	162	145	16	297	219	4	658
Butter	433	3,199	220	29	3,494	803	54	4,272	1,821	138	9,650
Milk and cream	66	1,126	23	11	1,288	127	8	1,418	349	19	2,935
Cheese	16	113	6	1	204	35	0	240	149	0	508
Total dairy	534	4,571	254	47	5,148	1,110	78	6,227	2,538	161	13,751
Fruit	5	7	0	8	1	0	0	9	0	0	16
Vegetables	7	349	26	0	45	66	11	100	393	0	868
Total fruit and vegetables	12	356	26	8	46	66	11	109	393	0	884
Grain	231	1,926	231	122	2,810	2,160	58	5,034	10,696	303	18,190
Livestock	179	120	18	9	10	9	1	27	20	2	187
Poultry and eggs	36	347	12	1	256	430	5	682	311	5	1,357
Miscellaneous products	2	15	15	0	7	5	0	12	41	0	83
TOTAL MARKETING	994	7,335	556	187	8,277	3,780	153	12,091	13,999	471	34,452
Mixed supplies	6	61	1	2	2	45	4	45	141	1	249
Petroleum products and auto supplies	162	1,813	84	90	319	1,759	181	1,987	3,726	66	7,676
Production supplies	40	343	15	19	18	282	28	291	1,068	15	1,732
General merchandise	86	323	88	54	8	262	46	278	1,902	8	2,599
TOTAL SUPPLIES	294	2,540	188	165	347	2,348	259	2,601	6,837	90	12,256
Miscellaneous services	4	8	0	0	1	6	1	6	15	0	29
Frozen food lockers	21	18	1	1	4	21	0	26	6	0	51
Trucking	8	50	2	1	155	114	4	266	233	0	551
TOTAL SERVICES	33	76	3	2	160	141	5	298	254	0	631
Total local	1,321	9,951	747	354	8,784	6,269	417	14,990	21,090	561	47,339
Regional associations	15	8,155	6,123	1,732	7,865	18,774	1,313	27,058	24,358	58	65,752
GRAND TOTAL	1,336	18,106	6,870	2,086	16,649	25,043	1,730	42,048	45,448	619	113,091

Balance Sheets

Table 32. Consolidated Balance Sheet by Commodity Type—Continued

Part II. Investment, Fixed, and Other Assets

Commodity type	Number of associations reporting	Investments			Land	Fixed assets				Other assets			Total assets
		Investments in other co-operatives	Other investments	Total investments		Depreciable assets			Total fixed assets	Prepaid expenses	Miscellaneous assets	Total other assets	
						Buildings and equipment	Reserve for depreciation	Net depreciable assets					
thousand dollars													
Local associations and minor federations													
Mixed dairy	19	352	2	354	56	1,841	673	1,168	1,224	74	0	74	2,310
Butter	433	7,264	58	7,322	511	25,530	10,276	15,254	15,765	1,045	49	1,094	33,831
Milk and cream	66	1,428	1	1,429	66	5,190	2,026	3,164	3,230	362	192	554	8,148
Cheese	16	306	0	306	19	1,825	349	1,476	1,495	59	1	60	2,369
Total dairy	534	9,350	61	9,411	652	34,386	13,324	21,062	21,714	1,540	242	1,782	46,658
Fruit	5	0	0	0	1	11	8	3	4	2	0	2	22
Vegetables	7	2	5	7	12	840	327	513	525	50	3	53	1,453
Total fruit and vegetables	12	2	5	7	13	851	335	516	529	52	3	55	1,475
Grain	231	1,409	21	1,430	76	12,874	3,915	8,959	9,035	125	61	186	28,841
Livestock	179	11	0	11	2	101	33	68	70	3	0	3	271
Poultry and eggs	36	295	12	307	43	2,499	848	1,651	1,694	126	3	129	3,487
Miscellaneous products	2	0	0	0	1	87	49	38	39	1	0	1	123
TOTAL MARKETING	994	11,067	99	11,166	787	50,798	18,504	32,294	33,081	1,847	309	2,156	80,855
Mixed supplies	6	59	0	59	9	181	100	81	90	9	0	9	407
Petroleum products and auto supplies	162	3,822	28	3,850	402	6,465	2,430	4,035	4,437	164	40	204	16,167
Production supplies	40	392	12	404	47	1,079	321	758	805	14	6	20	2,961
General merchandise	86	1,132	1	1,133	98	2,828	1,300	1,528	1,626	50	2	52	5,410
TOTAL SUPPLIES	294	5,405	41	5,446	556	10,553	4,151	6,402	6,958	237	48	285	24,945
Miscellaneous services	4	4	0	4	1	101	28	73	74	3	0	3	110
Frozen food lockers	21	2	2	4	13	673	100	573	586	6	2	8	649
Trucking	8	99	0	99	3	370	229	141	144	29	0	29	823
TOTAL SERVICES	33	105	2	107	17	1,144	357	787	804	38	2	40	1,582
Total local	1,321	16,577	142	16,719	1,360	62,495	23,012	39,483	40,843	2,122	359	2,481	107,382
Regional associations	15	14,853	1,854	16,707	1,158	42,793	11,038	31,755	32,913	1,486	2,843	4,329	119,701
GRAND TOTAL	1,336	31,430	1,996	33,426	2,518	105,288	34,050	71,238	73,756	3,608	3,202	6,810	227,083

Table 32. Consolidated Balance Sheet by Commodity Type—Continued
Part III. Liabilities

Commodity type	Number of associations reporting	Current liabilities						Long-term liabilities			Total liabilities
		Accounts payable—general	Accounts payable—patrons	Notes payable	Patronage refunds payable	Other current liabilities	Total current liabilities	Notes, bonds, mtgs., etc. payable	Other long-term liabilities	Total long-term liabilities	
thousand dollars											
<i>Local associations and minor federations</i>											
Mixed dairy	19	108	103	149	13	83	456	305	144	449	905
Butter	433	731	5,270	1,261	278	724	8,264	1,256	0	1,256	9,520
Milk and cream	66	311	1,302	131	28	212	1,984	165	19	184	2,168
Cheese	16	59	400	43	2	35	539	390	0	390	929
Total dairy	534	1,209	7,075	1,584	321	1,054	11,243	2,116	163	2,279	13,522
Fruit	5	1	0	2	0	0	3	0	0	0	3
Vegetables	7	3	198	73	37	41	352	0	6	6	358
Total fruit and vegetables	12	4	198	75	37	41	535	0	6	6	361
Grain	231	2,749	4,958	1,829	1,349	679	11,564	449	9	458	12,022
Livestock	179	8	3	13	1	3	28	16	0	16	44
Poultry and eggs	36	115	206	472	39	99	931	307	0	307	1,238
Miscellaneous products	2	3	37	0	0	0	40	0	0	0	40
TOTAL MARKETING	994	4,088	12,477	3,973	1,747	1,876	24,161	2,888	178	3,066	27,227
Mixed supplies	6	18	1	17	0	11	47	0	0	0	47
Petroleum products and auto supplies	162	679	32	984	1,009	726	3,430	847	8	855	4,285
Production supplies	40	158	20	227	116	109	630	134	0	134	764
General merchandise	86	234	75	500	66	195	1,070	284	1	285	1,355
TOTAL SUPPLIES	294	1,089	128	1,728	1,191	1,041	5,177	1,265	9	1,274	6,451
Miscellaneous services	4	2	1	5	0	4	12	0	0	0	12
Frozen food lockers	21	27	10	105	0	42	184	152	0	152	336
Trucking	8	106	85	2	0	6	199	16	0	16	215
TOTAL SERVICES	33	135	96	112	0	52	395	168	0	168	563
Total local	1,321	5,312	12,701	5,813	2,938	2,969	29,733	4,321	187	4,508	34,241
Regional associations	15	6,818	9,021	21,115	80	2,214	39,248	11,399	1,045	12,444	51,692
GRAND TOTAL	1,336	12,130	21,722	26,928	3,018	5,183	68,981	15,720	1,232	16,952	85,933

Table 32. Consolidated Balance Sheet by Commodity Type—Continued

Part IV. Net Worth

Commodity type	Number of associations reporting	Capital stock				Reserves and other						Total net worth	Total liabilities and net worth
		Common stock	Preferred stock	Stock credits	Total stock	Certificates	Patrons' equity reserves	General reserves and surplus	Undistributed net margins	Other net worth	Total reserves and other		
thousand dollars													
Local associations and minor federations													
Mixed dairy	19	299	67	26	392	146	632	235	0	0	1,013	1,405	2,310
Butter	433	2,916	2,158	613	5,687	586	13,280	4,743	3	12	18,624	24,311	33,831
Milk and cream	66	303	1,223	302	1,828	371	2,901	863	2	15	4,152	5,980	8,148
Cheese	16	64	454	10	528	0	864	48	0	0	912	1,440	2,369
Total dairy	534	3,582	3,902	951	8,435	1,103	17,677	5,889	5	27	24,701	33,136	46,658
Fruit	5	4	0	3	7	0	0	12	0	0	12	19	22
Vegetables	7	65	667	54	786	0	338	27	(-56)	0	309	1,095	1,453
Total fruit and vegetables	12	69	667	57	793	0	338	39	(-56)	0	321	1,114	1,475
Grain	231	4,027	485	2,301	6,813	181	6,341	3,257	142	85	10,006	16,819	28,841
Livestock	179	4	0	6	10	0	39	168	0	10	217	227	271
Poultry and eggs	36	370	500	59	929	74	1,030	203	13	0	1,320	2,249	3,487
Miscellaneous products	2	28	0	0	28	0	38	17	0	0	55	83	123
TOTAL MARKETING	994	8,080	5,554	3,374	17,008	1,358	25,463	9,573	104	122	36,620	53,628	80,855
Mixed supplies	6	108	5	21	134	0	146	80	0	0	226	360	407
Petroleum products and auto supplies	162	5,881	1,083	1,604	8,568	37	1,968	1,277	25	7	3,314	11,882	16,167
Production supplies	40	763	294	254	1,311	0	330	539	(-3)	20	886	2,197	2,961
General merchandise	86	2,580	35	472	3,087	18	169	824	(-52)	9	968	4,055	5,410
TOTAL SUPPLIES	294	9,332	1,417	2,351	13,100	55	2,613	2,720	(-30)	36	5,394	18,494	18,494
Miscellaneous services	4	45	1	51	97	2	0	(-1)	0	0	1	98	110
Frozen food lockers	21	173	51	8	232	0	63	18	(-1)	1	81	313	649
Trucking	8	38	372	96	506	0	51	44	(-1)	8	102	608	823
TOTAL SERVICES	33	256	424	155	835	2	114	61	(-2)	9	184	1,019	1,582
Total local	1,321	17,668	7,395	5,880	30,943	1,415	28,190	12,354	72	167	42,198	73,141	107,382
Regional associations	15	6,554	43,534	2,691	52,779	3,962	10,625	451	170	22	15,230	68,009	119,701
GRAND TOTAL	1,336	24,222	50,929	8,571	83,722	5,377	38,815	12,805	242	189	57,428	141,150	227,083

Table 33. Average Balance Sheet for 1,321 Local Associations and Minor Federations

Assets			Liabilities and net worth		
	dollars	per cent		dollars	per cent
Current assets			Current liabilities		
Cash	7,533	9.3	Accounts payable—general....	4,021	5.0
U. S. government securities	565	0.7	Accounts payable—patrons....	9,615	11.8
Receivables:			Notes payable	4,400	5.4
Notes receivable	268	0.3	Patronage refunds payable....	2,224	2.7
Accounts receivable—			Other (including accruals)....	2,248	2.8
general	6,650	8.2			
Accounts receivable—			Total current liabilities....	22,508	27.7
patrons	4,746	5.9			
Less: Reserve for bad debts	316	0.4	Long-term liabilities		
Net receivables	11,348	14.0	Notes, bonds, mortgages pay-		
Inventories	15,965	19.6	able	3,271	4.0
Other current assets	425	0.5	Other long-term liabilities....	141	0.2
TOTAL CURRENT ASSETS	35,836	44.1	Total long-term liabilities..	3,412	4.2
Investments			TOTAL LIABILITIES	25,920	31.9
Investments in other coop-					
eratives	12,549	15.4	Net worth		
Other investments	107	0.1	Capital stock:		
			Common stock	13,375	16.4
TOTAL INVESTMENTS	12,656	15.5	Preferred stock	5,598	6.9
			Stock credits	4,451	5.5
Fixed assets					
Land	1,029	1.3	Total stock	23,424	28.8
Depreciable assets:			Reserves and other:		
Buildings and equipment..	47,309	58.2	Certificates	1,071	1.3
Less: Reserve for depre-			Patrons' equity reserves....	21,340	26.2
ciation	17,420	21.4	General reserves and sur-		
Net depreciable assets....	29,889	36.8	plus	9,352	11.5
			Undistributed net margins	55	0.1
TOTAL FIXED ASSETS	30,918	38.1	Other net worth	126	0.2
Other assets			Total reserves and other	31,944	39.3
Prepaid expenses	1,606	2.0			
Miscellaneous assets	272	0.3	TOTAL NET WORTH	55,368	68.1
TOTAL OTHER ASSETS	1,878	2.3	TOTAL LIABILITIES		
			AND NET WORTH	81,288	100.0
TOTAL ASSETS	81,288	100.0			

Table 34. Average Balance Sheet for 994 Local Marketing Associations

Assets			Liabilities and net worth		
	dollars	per cent		dollars	per cent
Current assets			Current liabilities		
Cash	7,379	9.1	Accounts payable—general	4,113	5.1
U. S. government securities	559	0.7	Accounts payable—patrons	12,552	15.4
Receivables:			Notes payable	3,997	4.9
Notes receivable	188	0.2	Patronage refunds payable	1,758	2.2
Accounts receivable—			Other (including accruals)	1,887	2.3
general	8,327	10.2			
Accounts receivable—			Total current liabilities	24,307	29.9
patrons	3,803	4.7			
Less: Reserve for bad debts	154	0.2	Long-term liabilities		
Net receivables	12,164	14.9	Notes, bonds, mortgages pay-		
Inventories	14,084	17.3	able	2,905	3.6
Other current assets	474	0.6	Other long-term liabilities	179	0.2
TOTAL CURRENT ASSETS	34,660	42.6	Total long-term liabilities	3,084	3.8
			TOTAL LIABILITIES	27,391	33.7
Investments			Net worth		
Investments in other coop-			Capital stock:		
eratives	11,134	13.7	Common stock	8,129	10.0
Other investments	99	0.1	Preferred stock	5,588	6.8
TOTAL INVESTMENTS	11,233	13.8	Stock credits	3,394	4.2
			Total stock	17,111	21.0
Fixed assets			Reserves and other:		
Land	792	1.0	Certificates	1,366	1.7
Depreciable assets:			Patrons' equity reserves	25,617	31.5
Buildings and equipment	51,105	62.8	General reserves and sur-		
Less: Reserve for depre-			plus	9,631	11.8
ciation	18,616	22.9	Undistributed net margins	104	0.1
Net depreciable assets	32,489	39.9	Other net worth	123	0.2
TOTAL FIXED ASSETS	33,281	40.9	Total reserves and other	36,841	45.3
			TOTAL NET WORTH	53,952	66.3
Other assets			TOTAL LIABILITIES		
Prepaid expenses	1,858	2.3	AND NET WORTH	81,343	100.0
Miscellaneous assets	311	0.4			
TOTAL OTHER ASSETS	2,169	2.7			
TOTAL ASSETS	81,343	100.0			

Table 35. Average Balance Sheet for 534 Local Dairy Associations

Assets			Liabilities and net worth		
	dollars	per cent		dollars	per cent
Current assets			Current liabilities		
Cash	8,560	10.0	Accounts payable—general	2,264	2.6
U. S. government securities	476	0.5	Accounts payable—patrons	13,249	15.2
Receivables:			Notes payable	2,966	3.4
Notes receivable	88	0.1	Patronage refunds payable	601	0.7
Accounts receivable—			Other (including accruals)	1,974	2.2
general	9,640	11.0			
Accounts receivable—			Total current liabilities	21,054	24.1
patrons	2,079	2.4			
Less: Reserve for bad debts	146	0.2	Long-term liabilities		
Net receivables	11,661	13.3	Notes, bonds, mortgages pay-		
Inventories	4,753	5.4	able	3,963	4.5
Other current assets	301	0.3	Other long-term liabilities	305	0.4
TOTAL CURRENT ASSETS	25,751	29.5	Total long-term liabilities	4,268	4.9
			TOTAL LIABILITIES	25,322	29.0
Investments			Net worth		
Investments in other coop-			Capital stock:		
eratives	17,509	20.1	Common stock	6,708	7.7
Other investments	114	0.1	Preferred stock	7,307	8.4
			Stock credits	1,781	2.0
TOTAL INVESTMENTS	17,623	20.2			
			Total stock	15,796	18.1
Fixed assets			Reserves and other:		
Land	1,221	1.4	Certificates	2,065	2.3
Depreciable assets:			Patrons' equity reserves	33,103	37.9
Buildings and equipment	64,393	73.7	General reserves and sur-		
Less: Reserve for depre-			plus	11,028	12.6
ciation	24,951	28.6	Undistributed net margins	9	0.0
Net depreciable assets	39,442	45.1	Other net worth	51	0.1
TOTAL FIXED ASSETS	40,663	46.5	Total reserves and other	46,256	52.9
			TOTAL NET WORTH	62,052	71.0
Other assets			TOTAL LIABILITIES		
Prepaid expenses	2,884	3.3	AND NET WORTH	87,374	100.0
Miscellaneous assets	453	0.5			
TOTAL OTHER ASSETS	3,337	3.8			
TOTAL ASSETS	87,374	100.0			

Table 36. Average Balance Sheet for 433 Local Butter Associations

Assets			Liabilities and net worth		
	dollars	per cent		dollars	per cent
Current assets			Current liabilities		
Cash	7,388	9.5	Accounts payable—general	1,688	2.2
U. S. government securities	508	0.6	Accounts payable—patrons	12,171	15.6
Receivables:			Notes payable	2,912	3.7
Notes receivable	67	0.1	Patronage refunds payable	642	0.8
Accounts receivable—			Other (including accruals)	1,672	2.1
general	8,069	10.3			
Accounts receivable—			Total current liabilities	19,085	24.4
patrons	1,855	2.4			
Less: Reserve for bad debts	125	0.2	Long-term liabilities		
Net receivables	9,866	12.6	Notes, bonds, mortgages pay-		
Inventories	4,205	5.4	able	2,901	3.7
Other current assets	319	0.4	Other long-term liabilities	0	0.0
TOTAL CURRENT ASSETS	22,286	28.5	Total long-term liabilities	2,901	3.7
			TOTAL LIABILITIES	21,986	28.1
Investments			Net worth		
Investments in other coop-			Capital stock:		
eratives	16,776	21.5	Common stock	6,734	8.6
Other investments	134	0.2	Preferred stock	4,984	6.4
TOTAL INVESTMENTS	16,910	21.7	Stock credits	1,416	1.8
			Total stock	13,134	16.8
Fixed assets			Reserves and other:		
Land	1,180	1.5	Certificates	1,353	1.7
Depreciable assets:			Patrons' equity reserves	30,670	39.3
Buildings and equipment	58,961	75.5	General reserves and sur-		
Less: Reserve for depre-			plus	10,954	14.0
ciation	23,732	30.4	Undistributed net margins	7	0.0
Net depreciable assets	35,229	45.1	Other net worth	28	0.1
TOTAL FIXED ASSETS	36,409	46.6	Total reserves and other	43,012	55.1
			TOTAL NET WORTH	56,146	71.9
Other assets			TOTAL LIABILITIES		
Prepaid expenses	2,414	3.1	AND NET WORTH	78,132	100.0
Miscellaneous assets	113	0.1			
TOTAL OTHER ASSETS	2,527	3.2			
TOTAL ASSETS	78,132	100.0			

Table 37. Average Balance Sheet for 231 Local Grain Associations

Assets			Liabilities and net worth		
	dollars	per cent		dollars	per cent
Current assets			Current liabilities		
Cash	8,338	6.7	Accounts payable—general.....	11,900	9.5
U. S. government securities	1,001	0.8	Accounts payable—patrons.....	21,462	17.2
Receivables:			Notes payable	7,915	6.3
Notes receivable	527	0.4	Patronage refunds payable.....	5,840	4.7
Accounts receivable—			Other (including accruals).....	2,941	2.4
general	12,166	9.7			
Accounts receivable—			Total current liabilities	50,058	40.1
patrons	9,350	7.5			
Less: Reserve for bad debts	250	0.2	Long-term liabilities		
Net receivables	21,793	17.4	Notes, bonds, mortgages pay-		
Inventories	46,303	37.1	able	1,946	1.6
Other current assets	1,309	1.1	Other long-term liabilities	38	0.0
TOTAL CURRENT ASSETS.....	78,744	63.1	Total long-term liabilities..	1,984	1.6
Investments			TOTAL LIABILITIES	52,042	41.7
Investments in other coop-					
eratives	6,104	4.9	Net worth		
Other investments	89	0.1	Capital stock:		
			Common stock	17,431	13.9
TOTAL INVESTMENTS	6,193	5.0	Preferred stock	2,101	1.7
			Stock credits	9,962	8.0
Fixed assets					
Land	327	0.3	Total stock	29,494	23.6
Depreciable assets:			Reserves and other:		
Buildings and equipment..	55,729	44.6	Certificates	784	0.6
Less: Reserve for depre-			Patrons' equity reserves	27,452	22.0
ciation	16,945	13.6	General reserves and sur-		
Net depreciable assets	38,784	31.0	plus	14,101	11.3
			Undistributed net margins ..	612	0.5
TOTAL FIXED ASSETS	39,111	31.3	Other net worth	367	0.3
Other assets			Total reserves and other	43,316	34.7
Prepaid expenses	541	0.4			
Miscellaneous assets	263	0.2	TOTAL NET WORTH.....	72,810	58.3
TOTAL OTHER ASSETS	804	0.6	TOTAL LIABILITIES		
			AND NET WORTH.....	124,852	100.0
TOTAL ASSETS	124,852	100.0			

Table 38. Average Balance Sheet for 294 Local Farm Supply Associations

Assets			Liabilities and net worth		
	dollars	per cent		dollars	per cent
Current assets			Current liabilities		
Cash	8,640	10.2	Accounts payable—general	3,704	4.4
U. S. government securities	639	0.8	Accounts payable—patrons	435	0.5
Receivables:			Notes payable	5,878	6.9
Notes receivable	561	0.7	Patronage refunds payable	4,051	4.8
Accounts receivable—general	1,180	1.4	Other (including accruals)	3,541	4.2
Accounts receivable—patrons	7,986	9.3	Total current liabilities	17,609	20.8
Less: Reserve for bad debts	880	1.0	Long-term liabilities		
Net receivables	8,847	10.4	Notes, bonds, mortgages payable	4,303	5.1
Inventories	23,255	27.4	Other long-term liabilities	30	0.0
Other current assets	306	0.3	Total long-term liabilities	4,333	5.1
TOTAL CURRENT ASSETS	41,687	49.1	TOTAL LIABILITIES	21,942	25.9
Investments			Net worth		
Investments in other cooperatives	18,384	21.7	Capital stock:		
Other investments	140	0.1	Common stock	31,741	37.4
TOTAL INVESTMENTS	18,524	21.8	Preferred stock	4,820	5.7
Fixed assets			Stock credits	7,997	9.4
Land	1,891	2.2	Total stock	44,558	52.5
Depreciable assets:			Reserves and other:		
Buildings and equipment	35,895	42.3	Certificates	187	0.2
Less: Reserve for depreciation	14,119	16.6	Patrons' equity reserves	8,888	10.5
Net depreciable assets	21,776	25.7	General reserves and surplus	9,252	10.9
TOTAL FIXED ASSETS	23,667	27.9	Undistributed net margins	(—102)	(—0.1)
Other assets			Other net worth	122	0.1
Prepaid expenses	806	1.0	Total reserves and other	18,347	21.6
Miscellaneous assets	163	0.2	TOTAL NET WORTH	62,905	74.1
TOTAL OTHER ASSETS	969	1.2	TOTAL LIABILITIES AND NET WORTH	84,847	100.0
TOTAL ASSETS	84,847	100.0			

Table 39. Average Balance Sheet for 162 Local Petroleum Associations

Assets			Liabilities and net worth		
	dollars	per cent		dollars	per cent
Current assets			Current liabilities		
Cash	11,194	11.2	Accounts payable—general.....	4,192	4.2
U. S. government securities	518	0.5	Accounts payable—patrons.....	199	0.2
Receivables:			Notes payable	6,077	6.1
Notes receivable	557	0.6	Patronage refunds payable.....	6,225	6.2
Accounts receivable—			Other (including accruals).....	4,479	4.5
general	1,967	1.9			
Accounts receivable—			Total current liabilities	21,172	21.2
patrons	10,860	10.9			
Less: Reserve for bad debts	1,121	1.1	Long-term liabilities		
			Notes, bonds, mortgages pay-		
Net receivables	12,263	12.3	able	5,227	5.2
Inventories	22,999	23.1	Other long-term liabilities.....	54	0.1
Other current assets	407	0.4			
			Total long-term liabilities..	5,281	5.3
TOTAL CURRENT ASSETS.....	47,381	47.5			
			TOTAL LIABILITIES	26,453	26.5
Investments			Net worth		
Investments in other coop-			Capital stock:		
eratives	23,595	23.6	Common stock	36,302	36.4
Other investments	174	0.2	Preferred stock	6,683	6.7
			Stock credits	9,904	9.9
TOTAL INVESTMENTS	23,769	23.8			
			Total stock	52,889	53.0
Fixed assets			Reserves and other:		
Land	2,478	2.5	Certificates	227	0.2
Depreciable assets:			Patrons' equity reserves.....	12,147	12.2
Buildings and equipment..	39,910	40.0	General reserves and sur-		
Less: Reserve for depre-			plus	7,883	7.9
ciation	15,002	15.0	Undistributed net margins	153	0.2
			Other net worth	44	0.0
Net depreciable assets.....	24,908	25.0			
			Total reserves and other	20,454	20.5
TOTAL FIXED ASSETS.....	27,386	27.5			
			TOTAL NET WORTH	73,343	73.5
Other assets			TOTAL LIABILITIES		
Prepaid expenses	1,014	1.0	AND NET WORTH.....	99,796	100.0
Miscellaneous assets	246	0.2			
TOTAL OTHER ASSETS	1,260	1.2			
TOTAL ASSETS	99,796	100.0			

Table 40. Average Balance Sheet for 86 Local General Merchandise Associations

Assets			Liabilities and net worth		
	dollars	per cent		dollars	per cent
Current assets			Current liabilities		
Cash	3,760	6.0	Accounts payable—general.....	2,726	4.3
U. S. government securities	1,021	1.6	Accounts payable—patrons.....	867	1.4
Receivables:			Notes payable	5,816	9.3
Notes receivable	635	1.0	Patronage refunds payable.....	758	1.2
Accounts receivable—			Other (including accruals)	2,270	3.6
general	87	0.1			
Accounts receivable—			Total current liabilities	12,437	19.8
patrons	3,047	4.9			
Less: Reserve for bad debts	541	0.9	Long-term liabilities		
Net receivables	3,228	5.1	Notes, bonds, mortgages pay-		
Inventories	22,120	35.2	able	3,307	5.2
Other current assets	90	0.1	Other long-term liabilities.....	6	0.0
TOTAL CURRENT ASSETS	30,219	48.0	Total long-term liabilities...	3,313	5.2
Investments			TOTAL LIABILITIES	15,750	25.0
Investments in other coop-					
eratives	13,158	20.9	Net worth		
Other investments	12	0.0	Capital stock:		
			Common stock	29,996	47.7
TOTAL INVESTMENTS	13,170	20.9	Preferred stock	408	0.7
			Stock credits	5,487	8.7
Fixed assets					
Land	1,142	1.8	Total stock	35,891	57.1
Depreciable assets:					
Buildings and equipment...	32,888	52.3	Reserves and other:		
Less: Reserve for depre-			Certificates	209	0.3
ciation	15,123	24.0	Patrons' equity reserves.....	1,969	3.1
Net depreciable assets.....	17,765	28.3	General reserves and sur-		
			plus	9,579	15.2
TOTAL FIXED ASSETS	18,907	30.1	Undistributed net margins	(—596)	(—0.9)
			Other net worth	103	0.2
Other assets					
Prepaid expenses	580	0.9	Total reserves and other	11,264	17.9
Miscellaneous assets	29	0.1			
			TOTAL NET WORTH	47,155	75.0
TOTAL OTHER ASSETS	609	1.0			
			TOTAL LIABILITIES		
TOTAL ASSETS	62,905	100.0	AND NET WORTH	62,905	100.0

Table 41. Average Financial Ratios by Commodity Type*

Commodity type	Number of associations reporting	Current assets to current liabilities	Net worth to fixed assets	Net worth to total liabilities	Net worth to total assets
					per cent
<i>Local associations and minor federations</i>					
Mixed dairy	19	1.44	1.15	1.55	60.82
Butter	433	1.17	1.54	2.55	71.86
Milk and cream	66	1.48	1.85	2.76	73.39
Cheese	16	0.94	0.96	1.55	60.78
Total dairy	534	1.22	1.53	2.45	71.02
Fruit	5	5.33	4.75	6.33	86.36
Vegetables	7	2.47	2.09	3.06	75.36
Total fruit and vegetables	12	2.49	2.11	3.09	75.53
Grain	231	1.57	1.86	1.40	58.32
Livestock	179	6.68	3.24	5.16	83.76
Poultry and eggs	36	1.46	1.33	1.82	64.50
Miscellaneous products	2	2.08	2.13	2.08	67.48
TOTAL MARKETING	994	1.42	1.62	1.97	66.33
Mixed supplies	6	5.30	4.00	7.66	88.45
Petroleum products and auto supplies	162	2.24	2.68	2.77	73.50
Production supplies	40	2.75	2.73	2.88	74.20
General merchandise	86	2.43	2.49	2.99	74.95
TOTAL SUPPLIES	294	2.37	2.66	2.87	74.14
Miscellaneous services	4	2.42	1.32	8.17	89.09
Frozen food lockers	21	0.28	0.53	0.93	48.23
Trucking	8	2.77	4.22	2.83	73.88
TOTAL SERVICES	33	1.60	1.27	1.81	64.41
Total local	1,321	1.59	1.79	2.14	68.11
Regional associations	15	1.68	2.07	1.32	56.82
GRAND TOTAL	1,336	1.64	1.91	1.64	62.16

* Each ratio was obtained by dividing the first item by the latter (e.g., current assets were divided by current liabilities). The generally accepted minimum standards for the four ratios are 2.00 to 1.00, 1.00 to 1.00, 2.00 to 1.00, and 66.67 per cent, respectively. The last two ratios are actually two ways of expressing the same relationship.

Table 42. Associations by Commodity Type and Current Assets to Current Liabilities Ratio*

Commodity type	Total	Current assets to current liabilities ratio								No current liabilities reported
		Less than 0.50	0.50- 0.99	1.00- 1.49	1.50- 1.99	2.00- 2.99	3.00- 4.99	5.00- 9.99	10.00 and over	
		number of associations								
Mixed dairy	19	0	5	6	4	2	1	1	0	0
Butter	434	43	141	116	39	31	14	21	12	17
Milk and cream	69	3	20	22	8	6	3	0	4	3
Cheese	16	3	4	3	1	0	2	0	0	3
Total dairy	538	49	170	147	52	39	20	22	16	23
Fruit	5	0	0	0	0	1	0	0	0	4
Vegetables	7	0	0	1	0	0	2	1	3	0
Total fruit and vegetables	12	0	0	1	0	1	2	1	3	4
Grain	232	4	35	67	23	46	15	23	18	1
Poultry and eggs	36	4	6	7	2	7	3	3	2	2
Miscellaneous products	3	0	0	0	1	1	0	0	1	0
TOTAL MARKETING	821	57	211	222	78	94	40	49	40	30
Mixed supplies	6	0	0	0	1	1	0	1	3	0
Petroleum products and auto sup- plies	164	1	9	20	25	35	29	32	13	0
Production supplies	44	0	1	6	6	9	6	8	6	2
General merchandise	86	4	6	8	8	14	20	12	14	0
TOTAL SUPPLIES	300	5	16	34	40	59	55	53	36	2
Miscellaneous services	4	0	0	0	1	1	0	0	0	2
Frozen food lockers	21	14	2	2	1	1	0	0	0	1
Trucking	8	0	1	0	1	1	0	1	2	2
TOTAL SERVICES	33	14	3	2	3	3	0	1	2	5
GRAND TOTAL	1,154	76	230	258	121	156	95	103	78	37

* Livestock associations were not included in this table or succeeding ratio tables because their ratios were not comparable to those of other associations.

Table 43. Associations by Commodity Type and Net Worth to Total Assets Ratio

Commodity type	Total	Net worth to total assets ratio (per cent)											
		Negative net worth	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100
		number of associations											
Mixed dairy	19	0	0	0	0	1	0	2	4	5	5	2	0
Butter	434	0	0	2	9	22	27	65	86	92	64	50	17
Milk and cream	69	0	0	0	0	3	11	12	16	7	11	6	3
Cheese	16	0	0	0	1	1	2	2	2	0	4	2	2
Total dairy	538	0	0	2	10	27	40	81	108	104	84	60	22
Fruit	5	0	0	0	0	0	0	0	1	0	0	0	4
Vegetables	7	0	0	0	0	0	1	0	0	0	2	4	0
Total fruit and vegetables	12	0	0	0	0	0	1	0	1	0	2	4	4
Grain	232	2	3	5	15	15	28	30	42	38	26	27	1
Poultry and eggs	36	0	1	1	1	1	4	5	7	5	5	5	1
Miscellaneous products	3	0	0	0	0	0	1	0	0	1	0	1	0
TOTAL MARKETING	821	2	4	8	26	43	74	116	158	148	117	97	28
Mixed supplies	6	0	0	0	0	0	0	0	1	0	2	3	0
Petroleum products and auto supplies	164	0	0	1	1	4	9	14	26	36	35	38	0
Production supplies	44	0	1	1	2	0	1	4	8	9	8	8	2
General merchandise	86	2	0	4	2	4	4	4	10	13	21	22	0
TOTAL SUPPLIES	300	2	1	6	5	8	14	22	45	58	66	71	2
Miscellaneous services	4	0	0	0	0	0	0	0	0	1	0	1	2
Frozen food lockers	21	0	0	0	3	3	3	2	4	4	1	1	0
Trucking	8	0	0	0	0	0	0	1	1	1	0	3	2
TOTAL SERVICES	33	0	0	0	3	3	3	3	5	6	1	5	4
GRAND TOTAL	1,154	4	5	14	34	54	91	141	208	212	184	173	34

Table 44. Associations by Total Assets and Net Worth to Total Assets Ratio

Net worth to total assets ratio (per cent)													
Total assets	Total	Negative net worth	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100
number of associations													
Less than \$10,000	40	1	0	0	1	0	5	3	4	3	4	4	15
\$10,000-\$29,999	199	1	0	1	7	14	16	32	26	28	15	43	16
30,000- 49,999	199	0	0	6	7	10	15	29	26	34	28	41	3
50,000- 69,999	181	1	0	1	6	7	10	17	42	37	40	20	0
70,000- 99,999	187	1	2	2	1	9	10	13	40	49	30	30	0
100,000-149,999	150	0	1	1	3	6	12	21	36	20	32	18	0
150,000-199,999	78	0	1	1	2	5	5	13	13	17	11	10	0
200,000-299,999	65	0	0	1	4	0	10	6	9	17	12	6	0
300,000 and over	55	0	1	1	3	3	8	7	12	7	12	1	0
Total	1,154	4	5	14	34	54	91	141	208	212	184	173	34

Financing

Table 45. Capital Accounts Revolved by Commodity Type and Type of Account

Commodity type	Number of associations reporting	Number of associations using revolving plans	Type of account revolved				
			Total	Common stock	Preferred stock	Certificates of interest	Patrons' equity reserve
number of capital accounts revolved							
Mixed dairy	19	16	17	1	1	2	13
Butter	434	238	249	11	18	13	207
Milk and cream	69	37	38	0	3	3	32
Cheese	16	6	7	0	2	0	5
Total dairy	538	297	311	12	24	18	257
Fruit	5	0	0	0	0	0	0
Vegetables	7	5	6	0	2	0	4
Total fruit and vegetables	12	5	6	0	2	0	4
Grain	232	134	137	7	2	2	126
Livestock	187	3	3	0	0	0	3
Poultry and eggs	36	18	18	0	1	1	16
Miscellaneous products	3	2	2	0	0	0	2
TOTAL MARKETING	1,008	459	477	19	29	21	408
Mixed supplies	6	3	3	2	0	0	1
Petroleum products and auto supplies	164	77	81	41	11	0	29
Production supplies	44	12	13	4	3	1	5
General merchandise	86	42	43	37	1	0	5
TOTAL SUPPLIES	300	134	140	84	15	1	40
Miscellaneous services	4	2	3	2	1	0	0
Frozen food lockers	21	5	5	1	0	0	4
Trucking	8	2	3	1	2	0	0
TOTAL SERVICES	33	9	11	4	3	0	4
GRAND TOTAL	1,341	602	628	107	47	22	452

Table 46. Capital Accounts Revolved by Commodity Type and Length of Nonfixed Revolving Periods

Commodity type	Number of associations using revolving plans	Total	Length of nonfixed revolving period for last capital retired									Revolving periods fixed
			1-2 years	3-4 years	5-6 years	7-8 years	9-10 years	More than 10 years	Retired a portion of account each year	Unknown	None retired	
			number of capital accounts revolved									
Mixed dairy	16	17	0	2	1	3	3	2	0	0	4	2
Butter	238	249	5	33	30	30	20	6	1	2	117	5
Milk and cream	37	38	1	1	8	4	1	1	0	1	20	1
Cheese	6	7	0	2	0	1	0	1	0	0	3	0
Total dairy	297	311	6	38	39	38	24	10	1	3	144	8
Fruit	0	0	0	0	0	0	0	0	0	0	0	0
Vegetables	5	6	0	1	1	0	0	1	0	1	1	1
Total fruit and vegetables	5	6	0	1	1	0	0	1	0	1	1	1
Grain	134	137	16	26	17	8	5	0	5	4	51	5
Livestock	3	3	0	0	0	0	0	0	0	0	3	0
Poultry and eggs	18	18	1	6	2	1	0	0	0	1	7	0
Miscellaneous products	2	2	0	1	0	1	0	0	0	0	0	0
TOTAL MARKETING	459	477	23	72	59	48	29	11	6	9	206	14
Mixed supplies	3	3	0	0	0	0	1	1	0	0	1	0
Petroleum products and auto supplies	77	81	9	9	9	2	3	8	0	1	37	3
Production supplies	12	13	0	0	2	2	0	1	0	0	7	1
General merchandise	42	43	0	1	3	1	4	9	1	0	23	1
TOTAL SUPPLIES	134	140	9	10	14	5	8	19	1	1	68	5
Miscellaneous services	2	3	0	0	0	0	0	0	0	0	3	0
Frozen food lockers	5	5	0	0	0	0	0	0	0	0	5	0
Trucking	2	3	0	0	0	3	0	0	0	0	0	0
TOTAL SERVICES	9	11	0	0	0	3	0	0	0	0	8	0
GRAND TOTAL	602	628	32	82	73	56	37	30	7	10	282	19

Table 47. Additions, Retirements, and Year-End Balances in Revolving Accounts by Commodity Type

Commodity type	Number of associations reporting	Number of associations using revolving plans	Number of capital accounts revolved	Total amount			Average amount per capital account revolved		
				Added	Retired	Year-end balance	Added	Retired	Year-end balance
				thousand dollars			dollars		
<i>Local associations and minor federations</i>									
Mixed dairy	19	16	17	112	33	1,022	6,606	1,959	60,088
Butter	433	237	246	1,354	444	12,597	5,502	1,805	51,206
Milk and cream	66	35	36	367	178	3,642	10,194	4,944	101,167
Cheese	16	6	7	114	5	1,002	16,243	671	143,086
Total dairy	534	294	306	1,947	660	18,263	6,363	2,157	59,683
Fruit	5	0	0	0	0	0	0	0	0
Vegetables	7	5	6	50	25	701	8,333	4,167	116,917
Total fruit and vegetables	12	5	6	50	25	701	8,333	4,167	116,917
Grain	231	133	136	1,344	570	5,440	9,882	4,190	40,001
Livestock	184	2	2	*	0	14	200	0	6,850
Poultry and eggs	36	18	18	152	57	727	8,472	3,150	40,394
Miscellaneous products	2	1	1	0	0	13	0	0	13,300
TOTAL MARKETING	999	453	469	3,493	1,312	25,158	7,448	2,797	53,647
Mixed supplies	6	3	3	18	9	172	5,967	3,000	57,500
Petroleum products and auto supplies	162	76	80	825	221	4,002	10,315	2,758	50,024
Production supplies	40	9	10	73	8	595	7,310	840	59,520
General merchandise	86	42	43	114	46	1,931	2,637	1,077	44,902
TOTAL SUPPLIES	294	130	136	1,030	284	6,700	7,571	2,090	49,268
Miscellaneous services	2	2	3	17	0	88	5,800	0	29,233
Frozen food lockers	21	5	5	8	0	76	1,580	0	15,160
Trucking	8	2	3	75	26	479	24,967	8,767	159,633
TOTAL SERVICES	33	9	11	100	26	643	9,109	2,391	58,400
Total local	1,326	592	616	4,623	1,622	32,501	7,506	2,633	52,761
Regional associations	15	10	12	4,698	15	42,211	391,533	1,200	3,517,625
GRAND TOTAL	1,341	602	628	9,321	1,637	74,712	14,842	2,607	118,968

* Figure is less than \$500.

Table 48. Capital Accounts Revolved by Commodity Type and Dividend Rate Paid on Revolving Capital for Fiscal Year 1949-50

Commodity type	Number of associations using revolving plans	Total	Dividend rate paid on revolving capital for fiscal year 1949-50 (per cent)							No dividends ever paid
			0	1	2	3	4	5	6	
number of capital accounts revolved										
Mixed dairy	16	17	1	0	1	1	1	0	0	13
Butter	238	249	18	0	4	14	7	1	0	205
Milk and cream	37	38	1	1	0	3	0	0	0	33
Cheese	6	7	1	0	0	1	0	0	0	5
Total dairy	297	311	21	1	5	19	8	1	0	256
Fruit	0	0	0	0	0	0	0	0	0	0
Vegetables	5	6	0	0	0	0	1	0	0	5
Total fruit and vegetables	5	6	0	0	0	0	1	0	0	5
Grain	134	137	3	0	0	1	2	1	0	130
Livestock	3	3	0	0	0	0	0	0	0	3
Poultry and eggs	18	18	1	0	1	0	0	0	0	16
Miscellaneous products	2	2	0	0	0	0	0	0	0	2
TOTAL MARKETING	459	477	25	1	6	20	11	2	0	412
Mixed supplies	3	3	1	0	0	1	1	0	0	0
Petroleum products and auto supplies	77	81	10	0	4	9	22	5	0	31
Production supplies	12	13	2	0	1	3	1	0	1	5
General merchandise	42	43	10	1	1	21	3	0	0	7
TOTAL SUPPLIES	134	140	23	1	6	34	27	5	1	43
Miscellaneous services	2	3	1	1	0	0	0	0	0	1
Frozen food lockers	5	5	1	0	0	0	0	0	0	4
Trucking	2	3	1	0	0	0	0	0	0	0
TOTAL SERVICES	9	11	3	1	2	0	0	0	0	5
GRAND TOTAL	602	628	51	3	14	54	38	7	1	460

Table 49. Loans by Commodity Type and Term of Loan

Commodity type	Number of associations borrowing	Total	Terms of loan in months				
			Demand	1-12	13-36	37 and over	Unknown
				number of loans			
Mixed dairy	12	18	2	5	3	8	0
Butter	203	381	36	137	54	151	3
Milk and cream	27	42	2	12	10	15	3
Cheese	8	11	1	3	2	4	1
Total dairy	250	452	41	157	69	178	7
Fruit	1	1	0	0	0	1	0
Vegetables	6	7	0	7	0	0	0
Total fruit and vegetables	7	8	0	7	0	1	0
Grain	64	81	7	27	10	36	1
Livestock	19	24	3	6	6	9	0
Poultry and eggs	22	49	5	14	10	20	0
Miscellaneous products	0	0	0	0	0	0	0
TOTAL MARKETING	362	614	56	211	95	244	8
Mixed supplies	2	2	0	1	0	1	0
Petroleum products and auto supplies	110	301	25	138	47	88	3
Production supplies	25	61	10	24	5	20	2
General merchandise	53	135	7	71	15	42	0
TOTAL SUPPLIES	190	499	42	234	67	151	5
Miscellaneous services	2	3	2	1	0	0	0
Frozen food lockers	19	45	1	21	8	15	0
Trucking	4	5	0	2	2	1	0
TOTAL SERVICES	25	53	3	24	10	16	0
GRAND TOTAL	577	1,166	101	469	172	411	13

Table 50. Loans by Commodity Type and Type of Lender

Commodity type	Number of associations borrowing	Total	Type of lender										
			Com- mer- cial banks	Bank for coopera- tives	Other federal and state agen- cies*	Private market- ing firms	Private whole- sale supply firms	Coopera- tive market- ing federa- tions	Coopera- tive supply federa- tions	Insur- ance firms	Other coopera- tives	Indi- viduals	Un- known
								number of loans†					
Mixed dairy	12	18	5	4	0	0	1	0	0	1	0	6	1
Butter	203	381	156	34	1	2	4	19	14	20	2	125	4
Milk and cream	27	42	13	9	0	0	1	2	0	2	1	11	2
Cheese	8	11	3	0	0	2	0	0	0	1	0	4	1
Total dairy	250	452	177	47	1	4	6	21	14	24	3	146	8
Fruit	1	1	1	0	0	0	0	0	0	0	0	0	0
Vegetables	6	7	4	2	0	0	0	0	0	0	0	1	0
Total fruit and vegetables	7	8	5	2	0	0	0	0	0	0	0	1	0
Grain	64	81	21	15	3	2	2	11	3	0	1	22	1
Livestock	19	24	10	2	0	0	0	3	0	0	3	6	0
Poultry and eggs	22	49	16	11	1	1	2	2	0	2	0	14	0
Miscellaneous products	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MARKETING	362	614	229	77	5	7	10	37	17	26	7	189	9
Mixed supplies	2	2	1	0	0	0	0	0	0	0	0	1	0
Petroleum products and auto supplies	110	301	59	64	0	0	1	0	52	11	12	100	2
Production supplies	25	61	17	14	1	0	3	0	2	1	7	16	0
General merchandise	53	135	25	3	1	0	2	1	15	10	11	67	0
TOTAL SUPPLIES	190	499	102	81	2	0	6	1	69	22	30	184	2
Miscellaneous services	2	3	0	1	0	0	0	0	1	0	1	0	0
Frozen food lockers	19	45	16	4	0	0	2	0	1	1	6	15	0
Trucking	4	5	4	0	0	0	0	0	0	0	0	1	0
TOTAL SERVICES	25	53	20	5	0	0	2	0	2	1	7	16	0
GRAND TOTAL	577	1,166	351	163	7	7	18	38	88	49	44	389	11

* Other federal and state agencies include the Farm Security Administration, War Assets Administration, Consolidated Chippewa Agency, and the Minnesota Iron Range Resources and Rehabilitation Commission in this and succeeding tables.

† In this and succeeding tables each note outstanding during the year was considered a separate loan, except that where an association borrowed on two or more notes which were the same other than in amount, the notes were combined and treated as a single loan.

Table 51. Loans by Commodity Type and Loan Purpose

Commodity type	Number associations borrowing	Total	Loan purpose			
			Commodity	Operating capital	Facility	Unknown
number of loans						
Mixed dairy	12	18	0	7	10	1
Butter	203	381	0	112	266	3
Milk and cream	27	42	0	13	28	1
Cheese	8	11	0	0	10	1
Total dairy	250	452	0	132	314	6
Fruit	1	1	0	0	1	0
Vegetables	6	7	1	6	0	0
Total fruit and vegetables	7	8	1	6	1	0
Grain	64	81	3	41	36	1
Livestock	19	24	0	10	14	0
Poultry and eggs	22	49	0	23	26	0
Miscellaneous products	0	0	0	0	0	0
TOTAL MARKETING	362	614	4	212	391	7
Mixed supplies	2	2	0	1	1	0
Petroleum products and auto sup- plies	110	301	3	179	118	1
Production supplies	25	61	1	36	24	0
General merchandise	53	135	1	72	62	0
TOTAL SUPPLIES	190	499	5	288	205	1
Miscellaneous services	2	3	0	2	1	0
Frozen food lockers	19	45	0	16	29	0
Trucking	4	5	2	0	3	0
TOTAL SERVICES	25	53	2	18	33	0
GRAND TOTAL	577	1,166	11	518	629	8

Table 52. Loans by Commodity Type and Method of Loan Repayment

Commodity type	Number of associations borrowing	Total	Lump sum or unspecified	Method of loan repayment				Un-known
				Periodic payments based on				
				Fixed amount	Physical volume	Gross sales	Other variables and combinations	
				number of loans				
Mixed dairy	12	18	6	8	0	3	0	1
Butter	203	381	210	142	3	17	3	6
Milk and cream	27	42	17	20	0	3	0	2
Cheese	8	11	5	5	0	0	0	1
Total dairy	250	452	238	175	3	23	3	10
Fruit	1	1	0	1	0	0	0	0
Vegetables	6	7	5	0	1	1	0	0
Total fruit and vegetables	7	8	5	1	1	1	0	0
Grain	64	81	44	24	7	3	2	1
Livestock	19	24	14	4	3	0	0	3
Poultry and eggs	22	49	27	16	3	2	0	1
Miscellaneous products	0	0	0	0	0	0	0	0
TOTAL MARKETING	362	614	328	220	17	29	5	15
Mixed supplies	2	2	1	1	0	0	0	0
Petroleum products and auto supplies	110	301	176	60	42	13	8	2
Production supplies	25	61	41	10	4	6	0	0
General merchandise	53	135	90	41	0	1	1	2
TOTAL SUPPLIES	190	499	308	112	46	20	9	4
Miscellaneous services	2	3	3	0	0	0	0	0
Frozen food lockers	19	45	26	14	2	2	0	1
Trucking	4	5	1	2	2	0	0	0
TOTAL SERVICES	25	53	30	16	4	2	0	1
GRAND TOTAL	577	1,166	666	348	67	51	14	20

Table 53. Loans by Type of Lender and Interest Rate

Type of lender	Number of associations borrowing	Total	Interest rate (per cent)														Unknown
			0.0	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	8.0	
			number of loans														
Commercial banks	284	351	0	0	0	2	4	5	1	94	11	128	5	81	11	5	4
Bank for cooperatives	110	162	0	0	0	0	22	56	32	50	0	0	0	0	0	0	2
Other federal and state agencies	7	7	0	0	0	0	0	3	0	3	0	0	0	0	0	0	1
Private marketing firms	6	7	0	0	0	0	0	0	0	3	0	1	1	1	0	0	1
Private wholesale supply firms	17	18	1	0	0	0	0	2	0	5	0	2	0	4	0	1	3
Cooperative marketing federations	34	38	1	0	0	1	0	2	1	14	0	11	0	6	0	0	2
Cooperative supply federations	70	88	4	1	0	0	0	11	0	14	24	20	0	5	0	0	9
Insurance firms	45	49	0	0	1	0	0	13	7	24	0	2	0	0	0	0	2
Other cooperatives	37	45	4	0	0	2	2	9	2	14	1	6	0	3	0	0	2
Individual	279	390	9	3	2	7	3	77	11	182	9	55	1	23	0	0	8
Unknown	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Total	577*	1,166	19	4	3	12	31	178	54	403	45	225	7	123	11	6	45

* This total is not an addition of the preceding parts because some associations borrowed from two or more sources.

Table 54. Loans by Type of Lender and Loan Purpose

Type of lender	Number associations borrowing	Total	Loan purpose			
			Commodity	Operating capital	Facility	Unknown
			number of loans			
Commercial banks	284	351	3	161	187	0
Bank for cooperatives	110	162	2	78	82	0
Other federal and state agencies	7	7	0	1	6	0
Private marketing firms	6	7	0	2	5	0
Private wholesale supply firms	17	18	1	9	8	0
Cooperative marketing federations	34	38	2	5	31	0
Cooperative supply federations	70	88	1	60	27	0
Insurance firms	45	49	0	3	46	0
Other cooperatives	37	45	0	25	20	0
Individuals	279	390	2	171	215	2
Unknown	11	11	0	3	2	6
Total	577*	1,166	11	518	629	8

* This total is not an addition of the preceding parts because some associations borrowed from two or more sources.

Table 55. Amount of Borrowing by Commodity Type

Commodity type	Number of associations borrowing	Number of loans	Combined maximum borrow- ings*	Average maximum borrowings per association borrowing	Combined totals of all loans†	Average size of loans	Average amount per association borrowing
dollars							
<i>Local associations and minor federations</i>							
Mixed dairy	12	18	434,100	36,175	447,800	24,878	37,317
Butter	202	377	2,618,600	12,963	2,695,800	7,151	13,346
Milk and cream	25	39	386,700	15,468	386,900	9,921	15,476
Cheese	8	11	436,200	54,525	436,200	39,655	54,525
Total dairy	247	445	3,875,600	15,691	3,966,700	8,914	16,060
Fruit	1	1	2,500	2,500	2,500	2,500	2,500
Vegetables	6	7	201,700	33,617	201,700	28,814	33,616
Total fruit and vegetables	7	8	204,200	29,171	204,200	25,525	29,171
Grain	63	79	893,900	14,189	971,000	12,291	15,413
Livestock	17	18	43,300	2,547	44,000	2,444	2,588
Poultry and eggs	22	49	759,800	34,536	764,100	15,594	34,732
Miscellaneous products	0	0	0	0	0	0	0
TOTAL MARKETING	356	599	5,776,800	16,227	5,950,000	9,933	16,713
Mixed supplies	2	2	18,000	9,000	18,000	9,000	9,000
Petroleum products and auto supplies	108	290	2,178,700	20,173	2,428,300	8,373	22,484
Production supplies	21	50	404,500	19,310	418,700	8,374	19,938
General merchandise	53	135	864,100	16,304	896,600	6,641	16,917
TOTAL SUPPLIES	184	477	3,465,300	18,833	3,761,600	7,886	20,443
Miscellaneous services	2	3	5,000	2,500	5,000	1,667	2,500
Frozen food lockers	19	45	264,000	13,895	297,800	6,618	15,674
Trucking	4	5	121,100	30,275	169,900	33,980	42,475
TOTAL SERVICES	25	53	390,100	15,604	472,700	8,919	18,908
Total local	565	1,129	9,632,200	17,048	10,184,300	9,021	18,025
Regional associations	12	37	58,220,225	4,851,685	60,056,657	1,623,153	5,004,721
GRAND TOTAL	577	1,166	67,852,425		70,240,957		

* The combined maximum borrowing is based on the total amount of borrowing outstanding on the peak day of the year for each association.

† The combined total of all loans is based on the amount of each individual loan outstanding at its peak. In the case of loans made in 1949 this was the face amount, in the case of loans made prior to 1949 this was usually the amount outstanding at the beginning of the year.

Table 56. Associations Borrowing, Number of Loans, and Amount of Loans by Type of Lender

Type of lender	Number of associations borrowing	Number of loans	Combined totals of all loans*	Average size of loan	Average amount per association borrowing
dollars					
<i>Local associations and minor federations</i>					
Commercial banks	279	346	2,633,700	7,612	9,440
Bank for cooperatives	102	142	2,220,700	15,639	21,772
Other federal and state agencies	7	7	108,900	15,557	15,557
Private marketing firms	6	7	185,200	26,457	30,867
Private wholesale supply firms	17	18	141,100	7,839	8,300
Cooperative marketing federations	34	38	236,200	6,216	6,947
Cooperative supply federations	70	88	590,200	6,707	8,431
Insurance firms	45	49	680,000	13,878	15,111
Other cooperatives	32	38	170,800	4,495	5,338
Individuals	275	385	2,739,800	7,116	9,963
Unknown	11	11	477,700	43,428	43,428
Total	565†	1,129	10,184,300	9,021	18,025
<i>Regional associations</i>					
Commercial banks	5	5	13,218,000	2,643,600	2,643,600
Banks for cooperatives	8	20	36,246,699	1,812,335	4,530,837
Other cooperatives	5	7	7,990,903	1,141,558	1,598,181
Individuals	4	5	2,601,055	520,211	650,264
Total	12†	37	60,056,657	1,623,153	5,004,721

* The combined total of all loans is based on the amount of each individual loan outstanding at its peak. In the case of loans made in 1949 this was the face amount, in the case of loans made prior to 1949 this was usually the amount outstanding at the beginning of the year.

† This total is not an addition of the preceding parts because some associations borrowed from two or more sources.

Table 57. Consolidated Operating Statement by Commodity Type
Part I. Income, Purchases, and Margins

Commodity type	Number of associations reporting	Net sales	Cost of sales			Gross margin on sales	Service income	Total gross margin	Total operating expense*	Net operating margin	Net other income	Net margin
			Purchases from patrons	Other purchases and net inventories	Total cost of sales							
thousand dollars												
Local associations and minor federations												
Mixed dairy	19	9,555	6,240	2,108	8,348	1,207	237	1,444	1,287	157	(—5)	152
Butter	433	143,123	119,679	8,198	127,877	15,246	1,994	17,240	15,130	2,110	285	2,395
Milk and cream	66	30,727	24,690	836	25,526	5,201	255	5,456	4,980	476	32	508
Cheese	16	7,157	6,229	(—10)	6,219	938	97	1,035	979	56	11	67
Total dairy	534	190,562	156,838	11,132	167,970	22,592	2,583	25,175	22,376	2,799	323	3,122
Fruit	5	143	128	†	128	15	†	15	11	4	†	4
Vegetables	7	4,372	2,877	575	3,452	920	82	1,002	949	53	(—7)	46
Total fruit and vegetables	12	4,515	3,005	575	3,580	935	82	1,017	960	57	(—7)	50
Grain	231	188,190	156,145	24,743	180,888	7,302	1,219	8,521	5,537	2,984	31	3,015
Livestock	177	12,397	12,065	228	12,293	104	212	316	292	24	13	37
Poultry and eggs	36	19,720	15,455	2,088	17,543	2,177	126	2,303	2,080	223	44	267
Miscellaneous products	2	225	69	19	88	137	1	138	121	17	0	17
TOTAL MARKETING	992	415,609	343,577	38,785	382,362	33,247	4,223	37,470	31,366	6,104	404	6,508
Mixed supplies	6	2,118	1,007	928	1,935	183	13	196	155	41	10	51
Petroleum products and auto supplies	162	39,556	400	31,970	32,370	7,186	535	7,721	5,848	1,873	1,086	2,959
Production supplies	40	7,413	760	5,595	6,355	1,058	93	1,151	828	323	119	442
General merchandise	86	14,267	1,234	10,881	12,115	2,152	107	2,259	2,015	244	109	353
TOTAL SUPPLIES	294	63,354	3,401	49,374	52,775	10,579	748	11,327	8,846	2,481	1,324	3,805
Miscellaneous services	4	139	0	107	107	32	88	120	109	11	(—2)	9
Frozen food lockers	21	307	74	188	262	45	207	252	230	22	(—8)	14
Trucking	8	6,276	3,655	2,443	6,098	178	446	624	555	69	19	88
TOTAL SERVICES	33	6,722	3,729	2,738	6,467	255	741	996	894	102	9	111
Total local	1,319	485,685	350,707	90,897	441,604	44,081	5,712	49,793	41,106	8,687	1,737	10,424
Regional associations	15	745,495	623,340	82,663	706,003	39,492	2,648	42,140	35,764	6,376	491	6,867
GRAND TOTAL	1,334	1,231,180	974,047	173,560	1,147,607	83,573	8,360	91,933	76,870	15,063	2,288	17,291

* A breakdown of the major operating expenses is given in Part II.

† Less than \$500.

Table 57. Consolidated Operating Statement by Commodity Type—Continued
Part II. Operating Expenses

Commodity type	Number of associations reporting	Wages and salaries				Taxes			Other operating expense	Total operating expense
		Plant and sales	Management	Office	Total	Real estate and personal property	Social security	Total		
thousand dollars										
Local associations and minor federations										
Mixed dairy	19	487	80	89	656	26	14	40	591	1,287
Butter	433	4,094	1,722	684	6,500	403	112	515	8,115	15,130
Milk and cream	66	1,469	296	137	1,902	93	34	127	2,951	4,980
Cheese	16	316	58	22	396	21	7	28	555	979
Total dairy	534	6,366	2,156	932	9,454	543	167	710	12,212	22,376
Fruit	5	1	4	*	5	*	*	*	6	11
Vegetables	7	273	35	14	322	18	7	25	602	949
Total fruit and vegetables	12	274	39	14	327	18	7	25	608	960
Grain	231	1,502	990	240	2,732	287	39	326	2,479	5,537
Livestock	177	27	111	7	145	1	1	2	145	292
Poultry and eggs	36	785	165	95	1,045	51	27	78	957	2,080
Miscellaneous products	2	25	5	2	32	1	1	2	87	121
TOTAL MARKETING	992	8,979	3,466	1,290	13,735	901	242	1,143	16,488	31,366
Mixed supplies	6	52	34	10	96	6	2	8	51	155
Petroleum products and auto supplies	162	2,558	762	331	3,651	194	55	249	1,948	5,848
Production supplies	40	299	135	71	505	40	11	51	272	828
General merchandise	86	860	308	76	1,244	74	32	106	665	2,015
TOTAL SUPPLIES	294	3,769	1,239	488	5,496	314	100	414	2,936	8,846
Miscellaneous services	4	51	8	3	62	1	1	2	45	109
Frozen food lockers	21	57	44	10	111	11	2	13	106	230
Trucking	8	203	30	21	254	3	3	6	295	555
TOTAL SERVICES	33	311	82	34	427	15	6	21	446	894
Total local	1,319	13,059	4,787	1,812	19,658	1,230	348	1,578	19,870	41,106
Regional associations	15				14,822			1,341	19,601	35,764
GRAND TOTAL	1,334				34,480			2,919	39,471	76,870

* Less than \$500.

Table 58. Average Operating Statement for 1,319 Local Associations and Minor Federations

	Dollars	Per cent
Net sales	368,221	100.0
Cost of sales		
Purchases from patrons	265,888	72.2
Other purchases and net inventories	68,914	18.7
Total cost of sales	334,802	90.9
GROSS MARGIN ON SALES	33,419	9.1
Service income	4,332	1.2
TOTAL GROSS MARGIN	37,751	10.3
Operating expenses		
Wages and salaries		
Plant and sales	9,901	2.7
Management	3,629	1.0
Office	1,374	0.4
Total wages and salaries	14,904	4.1
Taxes		
Real estate and personal property	932	0.2
Social security	264	0.1
Total taxes	1,196	0.3
Other operating expenses	15,065	4.1
Total operating expenses	31,165	8.5
NET OPERATING MARGIN	6,586	1.8
Net other income	1,317	0.3
NET MARGIN	7,903	2.1

Table 59. Average Operating Statement for 992 Local Marketing Associations

	Dollars	Per cent
Net sales	418,961	100.0
Cost of sales		
Purchases from patrons	346,348	82.7
Other purchases and net inventories	39,098	9.3
Total cost of sales	385,446	92.0
GROSS MARGIN ON SALES	33,515	8.0
Service income	4,257	1.0
TOTAL GROSS MARGIN	37,772	9.0
Operating expenses		
Wages and salaries		
Plant and sales	9,052	2.2
Management	3,494	0.8
Office	1,300	0.3
Total wages and salaries	13,846	3.3
Taxes		
Real estate and personal property	908	0.2
Social security	244	0.1
Total taxes	1,152	0.3
Other operating expenses	16,621	3.9
Total operating expenses	31,619	7.5
NET OPERATING MARGIN	6,153	1.5
Net other income	407	0.1
NET MARGIN	6,560	1.6

Table 60. Average Operating Statement for 534 Local Dairy Associations

	Dollars	Per cent
Net sales	356,830	100.0
Cost of sales		
Purchases from patrons	293,700	82.3
Other purchases and net inventories	20,832	5.8
Total cost of sales	314,532	88.1
GROSS MARGIN ON SALES	42,298	11.9
Service income	4,839	1.3
TOTAL GROSS MARGIN	47,137	13.2
Operating expenses		
Wages and salaries		
Plant and sales	11,921	3.4
Management	4,038	1.1
Office	1,745	0.5
Total wages and salaries	17,704	5.0
Taxes		
Real estate and personal property	1,017	0.3
Social security	313	0.1
Total taxes	1,330	0.4
Other operating expense	22,865	6.4
Total operating expenses	41,899	11.8
NET OPERATING MARGIN	5,238	1.4
Net other income	608	0.2
NET MARGIN	5,846	1.6

Table 61. Average Operating Statement for 433 Local Butter Associations

	Dollars	Per cent
Net sales	330,520	100.0
Cost of sales		
Purchases from patrons	276,402	83.6
Other purchases and net inventories	18,915	5.7
Total cost of sales	295,317	89.3
GROSS MARGIN ON SALES	35,203	10.7
Service income	4,608	1.4
TOTAL GROSS MARGIN	39,811	12.1
Operating expenses		
Wages and salaries		
Plant and sales	9,455	2.8
Management	3,977	1.2
Office	1,580	0.5
Total wages and salaries	15,012	4.5
Taxes		
Real estate and personal property	931	0.3
Social security	258	0.1
Total taxes	1,189	0.4
Other operating expenses	18,737	5.7
Total operating expenses	34,938	10.6
NET OPERATING MARGIN	4,873	1.5
Net other income	658	0.2
NET MARGIN	5,531	1.7

Table 62. Average Operating Statement for 231 Local Grain Associations

	Dollars	Per cent
Net sales	814,692	100.0
Cost of sales		
Purchases from patrons	675,952	83.0
Other purchases and net inventories	107,117	13.1
Total cost of sales	783,069	96.1
GROSS MARGIN ON SALES	31,623	3.9
Service income	5,264	0.6
TOTAL GROSS MARGIN	36,887	4.5
Operating expenses		
Wages and salaries		
Plant and sales	6,502	0.8
Management	4,286	0.5
Office	1,039	0.1
Total wages and salaries	11,827	1.4
Taxes		
Real estate and personal property	1,242	0.2
Social security	169	0.0
Total taxes	1,411	0.2
Other operating expenses	10,731	1.3
Total operating expenses	23,969	2.9
NET OPERATING MARGIN	12,918	1.6
Net other income	134	0.0
NET MARGIN	13,052	1.6

Table 63. Average Operating Statement for 294 Local Farm Supply Associations

	Dollars	Per cent
Net sales	215,490	100.0
Cost of sales		
Purchases from patrons	11,568	5.4
Other purchases and net inventories	167,939	77.9
Total cost of sales	179,507	83.3
GROSS MARGIN ON SALES	35,983	16.7
Service income	2,544	1.2
TOTAL GROSS MARGIN	38,527	17.9
Operating expenses		
Wages and salaries		
Plant and sales	12,820	5.9
Management	4,214	2.0
Office	1,660	0.8
Total wages and salaries	18,694	8.7
Taxes		
Real estate and personal property	1,068	0.5
Social security	340	0.2
Total taxes	1,408	0.7
Other operating expenses	9,986	4.6
Total operating expenses	30,088	14.0
NET OPERATING MARGIN	8,439	3.9
Net other income	4,503	2.1
NET MARGIN	12,942	6.0

Table 64. Average Operating Statement for 162 Local Petroleum Associations

	Dollars	Per cent
Net sales	244,175	100.0
Cost of sales		
Purchases from patrons	2,469	1.0
Other purchases and net inventories	197,347	80.8
Total cost of sales	199,816	81.8
GROSS MARGIN ON SALES	44,359	18.2
Service income	3,300	1.3
TOTAL GROSS MARGIN	47,659	19.5
Operating expenses		
Wages and salaries		
Plant and sales	15,791	6.5
Management	4,702	1.9
Office	2,041	0.8
Total wages and salaries	22,534	9.2
Taxes		
Real estate and personal property	1,202	0.5
Social security	341	0.1
Total taxes	1,543	0.6
Other operating expenses	12,024	5.0
Total operating expenses	36,101	14.8
NET OPERATING MARGIN	11,558	4.7
Net other income	6,712	2.8
NET MARGIN	18,270	7.5

Table 65. Average Operating Statement for 86 Local General Merchandise Associations

	Dollars	Per cent
Net sales	165,890	100.0
Cost of sales		
Purchases from patrons	14,352	8.7
Other purchases and net inventories	126,518	76.2
Total cost of sales	140,870	84.9
GROSS MARGIN ON SALES	25,020	15.1
Service income	1,239	0.7
TOTAL GROSS MARGIN	26,259	15.8
Operating expenses		
Wages and salaries		
Plant and sales	10,000	6.0
Management	3,584	2.2
Office	891	0.5
Total wages and salaries	14,475	8.7
Taxes		
Real estate and personal property	859	0.5
Social security	365	0.2
Total taxes	1,224	0.7
Other operating expenses	7,729	4.7
Total operating expenses	23,428	14.1
NET OPERATING MARGIN	2,831	1.7
Net other income	1,276	0.8
NET MARGIN	4,107	2.5

Table 66. Associations by Volume of Business and Operating Expenses to Total Receipts Ratio*

Volume of business	Total	Operating expenses to total receipts ratio (per cent)					
		Less than 5	5-9	10-14	15-19	20-99	100 and over
Less than \$100,000	180	4	31	78	23	38	6
\$100,000-199,999	249	5	106	91	37	10	0
200,000-299,999	187	10	79	62	28	8	0
300,000-399,999	135	19	55	49	10	1	1
400,000-499,999	87	22	31	25	7	2	0
500,000-699,999	112	52	29	24	4	3	0
700,000-999,999	84	45	15	13	10	1	0
1,000,000-1,999,999	96	63	12	12	5	4	0
2,000,000 and over	24	9	3	6	3	3	0
Total	1,154	229	361	360	127	70	7

* Livestock associations were not included in this table because their ratios were not comparable to those of other associations.

Table 67. Associations by Commodity Type and Operating Expenses to Total Receipts Ratio*

Commodity type	Total	Operating expenses to total receipts ratio (per cent)					
		Less than 5	5-9	10-14	15-19	20-99	100 and over
		number of associations					
Mixed dairy	19	0	6	9	4	0	0
Butter	234	7	237	150	31	9	0
Milk and cream	69	7	39	10	3	10	0
Cheese	16	0	1	11	2	2	0
Total dairy	538	14	283	180	40	21	0
Fruit	5	0	4	0	1	0	0
Vegetables	7	1	1	1	0	3	1
Total fruit and vegetables	12	1	5	1	1	3	1
Grain	232	206	23	3	0	0	0
Poultry and eggs	36	1	17	12	5	1	0
Miscellaneous products	3	1	0	0	0	2	0
TOTAL MARKETING	821	223	328	196	46	27	1
Mixed supplies	6	1	2	2	1	0	0
Petroleum products and auto supplies	162	0	13	87	55	9	0
Production supplies	44	5	11	18	7	2	1
General merchandise	86	0	6	56	18	6	0
TOTAL SUPPLIES	300	6	32	163	81	17	1
Miscellaneous services	4	0	0	0	0	2	2
Frozen food lockers	21	0	0	0	0	20	1
Trucking	8	0	1	1	0	4	2
TOTAL SERVICES	33	0	1	1	0	26	5
GRAND TOTAL	1,154	229	361	360	127	70	7

* Livestock associations were not included in this table or succeeding ratio tables because their ratios were not comparable to those of other associations.

Table 68. Associations by Commodity Type and Net Margin to Total Receipts Ratio

Commodity type	Total	Net margin to total receipts ratio (per cent)								
		Net loss			Net gain					
		5.0 and over	4.9-0.0	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-9.9	10.0 and over
		number of associations								
Mixed dairy	19	0	0	4	6	7	1	0	1	0
Butter	434	1	60	156	114	49	38	10	6	0
Milk and cream	69	1	8	28	19	6	4	0	2	1
Cheese	16	0	10	2	0	3	1	0	0	0
Total dairy	538	2	78	190	139	65	44	10	9	1
Fruit	5	0	0	2	0	0	2	0	1	0
Vegetables	7	1	1	1	0	1	1	2	0	0
Total fruit and vegetables	12	1	1	3	0	1	3	2	1	0
Grain	232	2	44	45	65	43	21	9	3	0
Poultry and eggs	36	1	7	9	8	7	3	1	0	0
Miscellaneous products	3	0	0	1	1	0	0	0	1	0
TOTAL MARKETING	821	6	130	248	213	116	71	22	14	1
Mixed supplies	6	0	1	1	2	0	0	2	0	0
Petroleum products and auto supplies	164	2	5	2	4	7	10	14	86	34
Production supplies	44	2	2	4	4	5	2	4	17	4
General merchandise	86	4	9	14	10	19	11	14	5	0
TOTAL SUPPLIES	300	8	17	21	20	31	23	34	108	38
Miscellaneous services	4	3	0	0	0	0	0	0	1	0
Frozen food lockers	21	3	3	3	1	0	1	3	1	6
Trucking	8	1	1	0	1	1	0	1	1	2
TOTAL SERVICES	33	7	4	3	2	1	1	4	3	8
GRAND TOTAL	1,154	21	151	272	235	148	95	60	125	47

Table 69. Associations by Commodity Type and Total Receipts per Employee

Commodity type	Total	Total receipts per employee																Unknown
		Less than \$10,000	\$10,000- 19,999	\$20,000- 29,999	\$30,000- 39,999	\$40,000- 49,999	\$50,000- 59,999	\$60,000- 69,999	\$70,000- 79,999	\$80,000- 89,999	\$90,000- 99,999	\$100,000- 149,999	\$150,000- 199,999	\$200,000- 249,999	\$250,000- 299,999	\$300,000 and over		
		number of associations																
Mixed dairy	19	0	1	4	4	5	3	2	43	0	0	0	0	0	0	0	0	
Butter	434	0	3	23	46	77	74	51	5	47	26	39	3	0	0	1	1	
Milk and cream	69	1	3	8	3	5	1	5	5	6	8	20	3	1	0	0	0	
Cheese	16	0	0	1	1	7	1	3	2	0	0	0	0	0	0	0	1	
Total dairy	538	1	7	36	54	94	79	61	50	53	34	59	6	1	0	1	2	
Fruit	5	0	1	1	1	0	0	0	0	0	0	2	0	0	0	0	0	
Vegetables	7	2	1	2	0	1	0	0	0	0	0	1	0	0	0	0	0	
Total fruit and vegetables	12	2	2	3	1	1	0	0	0	0	0	3	0	0	0	0	0	
Grain	232	0	0	0	1	1	4	6	2	6	5	37	47	50	24	49	0	
Poultry and eggs	36	0	2	6	12	6	5	3	1	0	0	1	0	0	0	0	0	
Miscellaneous products	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	
TOTAL MARKETING	821	3	12	46	68	102	88	70	53	59	39	100	53	51	24	51	2	
Mixed supplies	6	0	1	1	2	0	0	1	1	0	0	0	0	0	0	0	0	
Petroleum products and auto supplies	164	0	13	70	46	17	11	2	3	2	0	0	0	0	0	0	0	
Production supplies	44	4	1	10	13	6	3	3	2	0	0	0	2	0	0	0	0	
General merchandise	86	0	6	58	20	2	0	0	0	0	0	0	0	0	0	0	0	
TOTAL SUPPLIES	300	4	21	139	81	25	14	6	6	2	0	0	2	0	0	0	0	
Miscellaneous services	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Frozen food lockers	21	17	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trucking	8	5	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	
TOTAL SERVICES	33	25	4	2	0	1	0	0	0	1	0	0	0	0	0	0	0	
GRAND TOTAL	1,154	32	37	187	149	128	102	76	59	62	39	100	55	51	24	51	2	

Table 70. Distribution of Net Margin by Commodity Type
Part I. Patronage Refunds and Dividends Paid

Commodity type	Number of associations	Patronage refunds							Dividends		
		Cash or currently payable	Payable as a long-term liability	Stock and stock credits	Certificates of interest, etc.	Patrons' equity reserves	Patrons' group insurance	Total allocated to patrons	Dividends on capital stock	Dividends on reserves and certificates	Total dividends
thousand dollars											
Locals and minor federations											
Mixed dairy	19	12	20	17	0	83	0	132	6	2	8
Butter	433	337	0	237	44	1,518	0	2,136	131	23	154
Milk and cream	66	30	0	81	42	314	0	467	31	0	31
Cheese	16	2	0	3	0	104	0	109	3	0	3
Total dairy	534	381	20	338	86	2,019	0	2,844	171	25	196
Fruit	5	0	0	2	0	0	0	2	0	0	0
Vegetables	7	32	0	0	0	54	0	86	8	0	8
Total fruit and vegetables	12	32	0	2	0	54	0	88	8	0	8
Grain	231	1,154	9	266	28	1,330	1	2,788	158	2	160
Livestock	177	11	0	0	0	7	0	18	0	0	0
Poultry and eggs	36	47	0	26	13	155	0	241	17	0	17
Miscellaneous products	2	12	0	0	0	3	0	15	2	0	2
TOTAL MARKETING	992	1,637	29	632	127	3,568	1	5,994	356	27	383
Mixed supplies	6	0	0	11	0	37	0	48	4	0	4
Petroleum products and auto supplies	162	935	7	1,128	22	593	3	2,688	188	0	188
Production supplies	40	131	0	130	0	80	4	345	35	0	35
General merchandise	86	61	0	180	0	11	30	282	63	0	63
TOTAL SUPPLIES	294	1,127	7	1,449	22	721	37	3,363	290	0	290
Miscellaneous services	4	0	0	7	0	0	0	7	1	0	1
Frozen food lockers	21	0	0	5	0	5	0	10	1	0	1
Trucking	8	1	0	76	0	11	0	88	6	0	6
TOTAL SERVICES	33	1	0	88	0	16	0	105	8	0	8
Total local	1,319	2,765	36	2,169	149	4,305	38	9,462	654	27	681
Regional associations	15	307	0	4,004	414	1,564	0	6,289	385	63	448
GRAND TOTAL	1,334	3,072	36	6,173	563	5,869	38	15,751	1,039	90	1,129

Net Margins

Table 70. Distribution of Net Margin by Commodity Type—Continued

Part II. Nonallocated Reserves and Income Taxes

Commodity type	Number of associations	Nonallocated reserves				Income taxes			Adjustments*	Net margin
		General reserves and surplus	Educational reserve	Undistributed net margins	Total unallocated	Federal income tax	State income tax	Total income tax		
thousand dollars										
Locals and minor federations										
Mixed dairy	19	8	0	0	8	3	1	4	0	152
Butter	433	81	2	12	95	15	1	16	(-6)	2,395
Milk and cream	66	6	2	1	9	1	0	1	0	508
Cheese	16	(-44)	0	(-1)	(-45)	0	0	0	0	67
Total dairy	534		4	12	67	19	2	21	(-6)	3,122
Fruit	5	2	0	0	2	0	0	0	0	4
Vegetables	7	(-1)	0	(-48)	(-49)	1	0	1	0	46
Total fruit and vegetables	12	1	0	(-48)	(-47)	1	0	1	0	50
Grain	231	60	11	(-93)	(-22)	74	15	89	0	3,015
Livestock	177	18	0	0	18	1	0	1	0	37
Poultry and eggs	36	4	0	(-1)	3	3	1	4	2	267
Miscellaneous products	2	0	0	0	0	0	0	0	0	17
TOTAL MARKETING	992	134	15	(-130)	19	98	18	116	(-4)	6,508
Mixed supplies	6	(-1)	0	0	(-1)	0	0	0	0	51
Petroleum products and auto supplies	162	(-6)	11	(-2)	3	65	14	79	1	2,959
Production supplies	40	42	0	(-6)	36	21	4	25	1	442
General merchandise	86	7	1	(-23)	(-15)	18	3	21	2	353
TOTAL SUPPLIES	294	42	12	(-31)	23	104	21	125	4	3,805
Miscellaneous services	4	0	0	0	0	1	0	1	0	9
Frozen food lockers	21	4	0	(-2)	2	1	0	1	0	14
Trucking	8	(-6)	1	(-1)	(-6)	0	0	0	0	88
TOTAL SERVICES	33	(-2)	1	(-3)	(-4)	2	0	2	0	111
Total local	1,319	174	28	(-164)	38	204	39	243	0	10,424
Regional associations	15	12	115	3	130	0	0	0	0	6,867
GRAND TOTAL	1,334	186	143	(-161)	168	204	39	243	0	17,291

* In a few cases operating statements were not available for a full year's operations. The statements covering shorter periods than one year were adjusted to a 12-month basis. The figures in this column represent the differences between the actual net margins and the adjusted net margins.

Table 71. Average Net Margin Statement for 1,319 Local Associations and Minor Federations

	Dollars	Per cent
Patronage refunds		
Cash or currently payable	2,096	26.5
Payable as a long-term liability	27	0.3
Stock and stock credits	1,644	20.8
Certificates of interest, etc.	113	1.4
Patrons' equity reserves	3,264	41.3
Patrons' group insurance	29	0.4
Total allocated to patrons..	7,173	90.7
Dividends		
Dividends on capital stock	496	6.3
Dividends on reserves and certificates	21	0.3
Total dividends	517	6.6
Unallocated reserves		
General reserves and surplus	132	1.7
Educational reserve	21	0.3
Undistributed net margins	(-124)	(-1.6)
Total unallocated	29	0.4
Income taxes		
Federal income tax	155	1.9
State income tax	29	0.4
Total income tax	184	2.3
Adjustments*	0	0.0
TOTAL NET MARGIN.....	7,903	100.0

* In a few cases operating statements were not available for a full year's operations. The statements covering shorter periods than one year were adjusted to a 12-month basis. This figure represents the differences between the actual net margins and the adjusted net margins. Since the negative adjustments made for the marketing associations happened to be exactly offset by the positive adjustments made for the supply associations, this figure for all associations is zero.

Table 72. Average Net Margin Statement for 992 Local Marketing Associations

	Dollars	Per cent
Patronage refunds		
Cash or currently payable	1,650	25.2
Payable as a long-term liability	29	0.4
Stock and stock credits	637	9.7
Certificates of interest, etc.	128	2.0
Patrons' equity reserves	3,597	54.8
Patrons' group insurance	1	0.0
Total allocated to patrons..	6,042	92.1
Dividends		
Dividends on capital stock	359	5.5
Dividends on reserves and certificates	27	0.4
Total dividends	386	5.9
Unallocated reserves		
General reserves and surplus	135	2.1
Educational reserve	15	0.2
Undistributed net margins	(-131)	(-2.0)
Total unallocated	19	0.3
Income taxes		
Federal income tax	99	1.5
State income tax	18	0.3
Total income tax	117	1.8
Adjustments	(-4)	(-0.1)
TOTAL NET MARGIN.....	6,560	100.0

Table 73. Average Net Margin Statement for 294 Local Farm Supply Associations

	Dollars	Per cent
Patronage refunds		
Cash or currently payable	3,833	29.6
Payable as a long-term liability	24	0.2
Stock and stock credits	4,929	38.1
Certificates of interest, etc.	75	0.6
Patrons' equity reserves	2,452	18.9
Patrons' group insurance	126	1.0
Total allocated to patrons..	11,439	88.4
Dividends		
Dividends on capital stock	986	7.6
Dividends on reserves and certificates	0	0.0
Total dividends	986	7.6
Unallocated reserves		
General reserves and surplus	143	1.1
Educational reserve	41	0.3
Undistributed net margins	(-106)	(-0.8)
Total unallocated	78	0.6
Income taxes		
Federal income tax	354	2.7
State income tax	71	0.6
Total income tax	425	3.3
Adjustments	14	0.1
TOTAL NET MARGIN.....	12,942	100.0

Table 74. Associations by Commodity Type and Method Used in Allocating Patronage Refunds

Commodity type	Number of associations	Method used in allocating patronage refunds*					Unknown	No patronage refunds allocated
		Percentage of value of products marketed	Percentage of value of supplies handled or services rendered	Percentage of value of both products marketed and supplies handled	Per unit of product marketed or supply handled	Both per unit and percentage of value		
				number of associations				
Mixed dairy	19	2	0	8	4	2	1	2
Butter	434	35	1	43	164	29	37	125
Milk and cream	69	10	0	6	22	3	10	18
Cheese	16	1	0	1	4	0	4	6
Total dairy	538	48	1	58	194	34	52	151
Fruit	5	1	0	0	0	0	0	4
Vegetables	7	1	0	1	1	0	1	3
Total fruit and vegetables	12	2	0	1	1	0	1	7
Grain	232	5	0	86	30	44	31	36
Livestock	187	6	3	0	18	0	9	151
Poultry and eggs	36	1	0	11	10	2	4	8
Miscellaneous products	3	0	0	0	2	0	0	1
TOTAL MARKETING	1,008	62	4	156	255	80	97	354
Mixed supplies	6	0	1	3	0	0	1	1
Petroleum products and auto supplies	164	0	144	1	1	1	7	10
Production supplies	44	0	26	3	0	3	4	8
General merchandise	86	0	43	6	0	0	14	23
TOTAL SUPPLIES	300	0	214	13	1	4	26	42
Miscellaneous services	4	0	1	1	0	0	0	2
Frozen food lockers	21	0	4	1	0	0	1	15
Trucking	8	0	2	0	1	1	1	3
TOTAL SERVICES	33	0	7	2	1	1	2	20
GRAND TOTAL	1,341	62	225	171	257	85	125	416

* Allocation of patronage refunds includes both net margins and net losses.

Commodities Handled and Services Rendered

Table 75. Business of All Associations
Part I. Summary of Business for All Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	1,070,360,737	548,877,607	521,483,130
TOTAL SUPPLIES SOLD	195,715,308	84,329,691	111,385,617
TOTAL SERVICES PERFORMED	8,351,752	1,323,673	7,028,079
GRAND TOTAL	1,274,427,797	634,530,971	639,896,826

Part II. Farm Products Marketed by All Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter- association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	514	23,600,937 lb.	14,913,260	4,492	0	14,908,768
Butter, patrons	517	14,372,768 lb.	8,978,193	0	0	8,978,193
Butter, shipped	519	245,701,449 lb.	147,961,996	30,043,137	16,034,930	101,883,929
Buttermilk, dried	34	15,192,823 lb.	1,338,866	151,611	127,427	1,059,828
Buttermilk, fluid	487		952,320	416,116	0	536,204
Cheese	21	58,800,607 lb.	20,132,282	1,855,593	10,741,218	7,535,471
Cottage cheese	13	781,718 lb.	136,370	0	0	136,370
Cream, dried	*	82,200 lb./bf.	50,629	26,623	0	24,006
Cream, retail	266	1,295,132 lb./bf.	1,558,851	16,168	0	1,542,683
Cream, wholesale	156	15,349,162 lb./bf.	12,314,726	1,792,993	0	10,521,733
Ice cream	9	800,599 gal.	1,242,180	0	0	1,242,180
Ice cream mix	3	3,430,685 lb.	503,800	23,876	0	479,924
Milk, condensed	5	10,810,398 lb.	1,066,583	881	0	1,065,702
Milk, dried	4	12,211,950 lb.	4,645,375	3,570	0	4,641,805
Milk, evaporated	*	16,570,066 lb.	1,966,379	0	1,247,443	718,936
Milk, retail	167	3,973,153 lb./bf.	6,241,377	68,316	0	6,173,061
Milk, wholesale	227	35,563,816 lb./bf.	33,478,428	7,377,187	0	26,101,241
Skim milk, condensed	4	10,333,782 lb.	675,986	18,098	0	657,888
Skim milk, dried	36	219,469,208 lb.	26,712,009	3,499,092	3,610,302	19,602,615
Skim milk, fluid	240		6,787,185	4,723,851	2,274	2,061,060
Whey, dried	*		158,420	3,451	0	154,969
Whey, fluid	19		268,328	89,169	0	179,159
Other dried products	4		488,042	24,187	0	463,855
Other fluid products	18		373,241	0	0	373,241
Total			292,944,826	50,138,411	31,763,594	211,042,821
Fruits						
Currants	3	14,596 qt.	3,177	0	0	3,177
Gooseberries	3	961 qt.	270	0	0	270
Raspberries	5	197,413 qt.	86,160	0	0	86,160
Strawberries	4	140,786 qt.	52,835	0	0	52,835
Total			142,442	0	0	142,442

* Less than three.

Part II. Farm Products Marketed by All Associations—Continued

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Vegetables						
Corn, canned	3	344,399 case	724,654	6,053	0	718,601
Onions .....	*	.....	1,223,609	0	0	1,223,609
Peas .....	*	.....	152,174	0	0	152,174
Potatoes	7	.....	2,018,027	0	0	2,018,027
Unclassified .....	*	.....	96,000	0	0	96,000
Total .....	.....	.....	4,214,464	6,053	0	4,208,411
Grain						
Barley	233	26,553,373 bu.	35,581,534	3,565,783	14,679,008	17,336,743
Buckwheat	30	28,825 bu.	71,096	26,175	0	44,921
Corn	199	39,888,254 bu.	52,521,160	9,234,396	3,705,746	39,581,018
Durum	37	14,150,775 bu.	31,575,952	131,378	30,660,352	784,222
Flaxseed	233	20,586,960 bu.	122,362,158	21,994,366	35,381,186	64,986,606
Millet	9	16,566 bu.	32,989	11,534	0	21,455
Oats	241	29,786,917 bu.	21,465,208	3,175,431	5,652,070	12,637,707
Rye	186	3,332,836 bu.	5,039,279	452,974	2,595,154	1,991,151
Soybeans	160	7,218,912 bu.	17,492,068	2,284,977	85,727	15,121,364
Wheat	207	53,227,996 bu.	120,991,239	3,704,721	100,595,004	16,691,514
Screenings	108	.....	129,530	20,438	0	109,092
Unclassified .....	*	.....	117,690,279	20,051,775	96,882,465	756,039
Total .....	.....	.....	524,952,492	64,653,948	290,236,712	170,061,832
Livestock						
Calves	176	136,406 cwt.	3,436,447	2,565,461	0	870,986
Cattle	189	1,213,250 cwt.	21,027,807	18,078,030	0	2,949,777
Hogs	188	1,286,969 cwt.	22,965,404	13,315,823	0	9,649,581
Sheep	181	80,147 cwt.	1,552,743	1,040,444	0	512,299
Unclassified	3	.....	158,453,501	0	71,616,831	86,836,670
Total .....	.....	.....	207,435,902	34,999,758	71,616,831	100,819,313
Meat and hides						
Beef	12	263,003 lb.	152,056	0	0	152,056
Pork	7	152,092 lb.	67,315	0	0	67,315
Other meat	3	.....	57,697	42,902	0	14,795
Bones and scraps	14	.....	6,733	857	0	5,876
Hides	63	.....	62,471	5,081	0	57,390
Total .....	.....	.....	346,272	48,840	0	297,432
Poultry and eggs						
Chickens, dressed	18	9,512,488 lb.	3,336,818	103,170	761,113	2,472,535
Chickens, live	97	6,580,261 lb.	1,430,675	132,109	0	1,298,566
Ducks and geese	3	.....	1,761	775	0	986
Turkeys, dressed	14	17,498,385 lb.	7,699,442	221,475	926,833	6,551,134
Turkeys, live	11	3,713,551 lb.	1,360,069	93,529	0	1,266,540
Eggs, dried	*	1,525,115 lb.	1,952,302	0	0	1,952,302
Eggs, frozen	*	2,401,268 lb.	838,997	0	0	838,997
Eggs, shell	151	1,579,660 case	21,560,040	1,285,921	1,879,820	18,394,299
Total .....	.....	.....	38,180,104	1,836,979	3,567,766	32,775,359
Miscellaneous						
Alfalfa hay	*	194 ton	4,221	0	0	4,221
Alfalfa meal	*	3,485 ton	222,967	0	0	222,967
Ensilage	3	.....	14,955	0	0	14,955
Forest products	3	.....	379,521	0	0	379,521
Seeds	6	.....	165,178	8,715	0	156,463
Wool	6	2,561,119 lb.	1,357,393	0	0	1,357,393
Total .....	.....	.....	2,144,235	8,715	0	2,135,520
TOTAL PRODUCTS MARKETED .....	.....	.....	1,070,360,737	151,692,704	397,184,903	521,483,130

* Less than three.

Part III. Farm Supplies Sold by All Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	252	327,863,447 gal.	56,073,125	29,312,475	26,760,650
Kerosene and fuel oil	226	171,980,361 gal.	16,787,654	8,314,971	8,472,683
Lubricating oil	239	5,413,451 gal.	3,137,537	1,581,206	1,556,331
Grease	220	.....	731,839	369,687	362,152
Tires and tubes	186	.....	3,063,791	1,984,631	1,079,160
Accessories and parts	178	.....	2,705,174	920,003	1,785,171
Other auto supplies	153	.....	1,667,955	1,016,437	651,518
Total .....	.....	.....	84,167,075	43,499,410	40,667,665
Production supplies					
Feed	610	8,796,412 cwt.	35,808,862	11,894,758	23,914,104
Seeds	354	363,310 cwt.	8,771,660	4,239,408	4,532,252
Fertilizer	271	234,485 ton	11,176,547	5,528,533	5,648,014
Other crop supplies	277	.....	2,150,273	643,191	1,507,082
Machinery and implements	196	.....	11,958,467	5,433,490	6,524,977
Hardware	151	.....	5,140,173	1,887,059	3,253,114
Dairy supplies	163	.....	576,966	52,031	524,935
Building materials	101	.....	8,746,331	5,362,571	3,383,760
Miscellaneous production supplies	385	.....	3,616,733	1,159,464	2,457,269
Automobiles and trucks	8	.....	467,472	0	467,472
Total .....	.....	.....	88,413,484	36,200,505	52,212,979
General merchandise					
Coal	252	.....	5,435,518	1,511,666	3,923,852
Groceries	608	.....	13,580,127	1,361,407	12,218,720
Electrical appliances	58	.....	1,739,915	1,084,992	654,923
Dry goods and clothing	68	.....	1,519,085	0	1,519,085
Other general merchandise	23	.....	860,104	671,711	188,393
Total .....	.....	.....	23,134,749	4,629,776	18,504,973
TOTAL SUPPLIES SOLD .....	.....	.....	195,715,308	84,329,691	111,385,617

Table 76. Business of All Marketing Associations
Part I. Summary of Business for All Marketing Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	1,063,790,518	548,311,688	515,478,830
TOTAL SUPPLIES SOLD	52,118,470	10,565,244	41,553,226
TOTAL SERVICES PERFORMED	6,407,200	1,082,409	5,324,791
GRAND TOTAL	1,122,316,188	559,959,341	562,356,847

Part II. Farm Products Marketed by All Marketing Associations*

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	513	23,574,416 lb.	14,897,037	4,492	0	14,892,545
Butter, patrons	516	14,359,508 lb.	8,970,081	0	0	8,970,081
Butter, shipped	516	239,617,147 lb.	144,245,325	29,912,289	16,034,930	98,298,106
Buttermilk, dried	33	12,478,677 lb.	1,154,851	151,611	127,427	875,813
Buttermilk, fluid	486		951,656	416,116	0	535,540
Cheese	21	58,800,607 lb.	20,132,282	1,855,593	10,741,218	7,535,471
Cottage cheese	13	781,718 lb.	136,370	0	0	136,370
Cream, dried	†	82,200 lb./bf.	50,629	26,623	0	24,006
Cream, retail	265	1,287,693 lb./bf.	1,552,929	16,168	0	1,536,761
Cream, wholesale	154	15,292,460 lb./bf.	12,275,868	1,764,351	0	10,511,517
Ice cream	9	800,599 gal.	1,242,180	0	0	1,242,180
Ice cream mix	3	3,430,685 lb.	503,800	23,876	0	479,924
Milk, condensed	5	10,810,398 lb.	1,066,583	881	0	1,065,702
Milk, dried	4	12,211,950 lb.	4,645,375	3,570	0	4,641,805
Milk, evaporated	†	16,570,066 lb.	1,966,379	0	1,247,443	718,936
Milk, retail	167	3,973,153 lb./bf.	6,241,377	68,316	0	6,173,061
Milk, wholesale	227	35,563,816 lb./bf.	33,478,428	7,377,187	0	26,101,241
Skim milk, condensed	4	10,333,782 lb.	675,986	18,098	0	657,888
Skim milk, dried	36	219,469,208 lb.	26,712,009	3,499,092	3,610,302	19,602,615
Skim milk, fluid	239		6,783,397	4,720,063	2,274	2,061,060
Whey, dried	†		158,420	3,451	0	154,969
Whey, fluid	19		268,328	89,169	0	179,159
Other dried products	4		488,042	24,187	0	463,855
Other fluid products	18		373,241	0	0	373,241
Total			288,970,573	49,975,133	31,763,594	207,231,846
Fruits						
Currants	3	14,596 qt.	3,177	0	0	3,177
Gooseberries	3	961 qt.	270	0	0	270
Raspberries	5	197,413 qt.	86,160	0	0	86,160
Strawberries	4	140,786 qt.	52,835	0	0	52,835
Total			142,442	0	0	142,442
Vegetables						
Corn, canned	3	344,399 case	724,654	6,053	0	718,601
Onions	†		1,223,609	0	0	1,223,609
Peas	†		152,174	0	0	152,174
Potatoes	6	916,322 cwt.	2,016,614	0	0	2,016,614
Unclassified	†		96,000	0	0	96,000
Total			4,213,051	6,053	0	4,206,998
Grain						
Barley	228	26,472,398 bu.	35,465,646	3,564,797	14,679,008	17,221,841
Buckwheat	30	28,825 bu.	71,096	26,175	0	44,921
Corn	193	39,765,754 bu.	52,350,877	9,234,396	3,705,746	39,410,735
Durum	37	14,150,775 bu.	31,575,952	131,378	30,660,352	784,222
Flaxseed	229	20,532,364 bu.	122,108,199	21,889,234	35,381,186	64,837,779
Millet	9	16,566 bu.	32,989	11,534	0	21,455
Oats	234	29,569,795 bu.	21,289,372	3,175,176	5,652,070	12,462,126
Rye	183	3,322,327 bu.	5,023,964	452,974	2,595,154	1,975,836
Soybeans	158	7,096,190 bu.	17,197,467	2,284,977	85,727	14,826,943
Wheat	200	53,181,401 bu.	120,890,699	3,692,900	100,595,004	16,602,795
Screenings	108		129,530	20,438	0	109,092
Unclassified	†		117,690,279	20,051,775	96,882,465	756,039
Total			523,826,250	64,535,754	290,236,712	169,053,784
Livestock						
Calves	175	133,618 cwt.	3,365,357	2,515,143	0	850,214
Cattle	188	1,205,580 cwt.	20,892,736	18,062,030	0	2,830,706
Hogs	187	1,278,936 cwt.	22,823,224	13,199,423	0	9,623,801
Sheep	180	79,786 cwt.	1,545,634	1,040,444	0	505,190
Unclassified	3		158,453,501	0	71,616,831	86,836,670
Total			207,080,452	34,817,040	71,616,831	100,646,581
Meat and hides						
Beef	9	235,749 lb.	135,992	0	0	135,992
Pork	4	124,542 lb.	55,092	0	0	55,092
Other meat	3		57,697	42,902	0	14,795
Bones and scraps	10		4,686	0	0	4,686
Hides	49		46,265	1,935	0	44,330
Total			299,732	44,837	0	254,895

Part II. Farm Products Marketed by All Marketing Associations*—Continued

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Poultry and eggs						
Chickens, dressed	17	9,450,094 lb.	3,319,223	103,170	761,113	2,454,940
Chickens, live	89	6,327,722 lb.	1,377,570	132,109	0	1,245,461
Ducks and geese	3		1,761	775	0	986
Turkeys, dressed	14	17,498,385 lb.	7,699,442	221,475	926,833	6,551,134
Turkeys, live	11	3,713,551 lb.	1,360,069	93,529	0	1,266,540
Eggs, dried	†	1,525,115 lb.	1,952,302	0	0	1,952,302
Eggs, frozen	†	2,401,268 lb.	838,997	0	0	838,997
Eggs, shell	120	1,508,406 case	20,627,033	1,188,195	1,879,820	17,559,018
Total			37,176,397	1,739,253	3,567,766	31,869,378
Miscellaneous						
Alfalfa hay	†	194 ton	4,221	0	0	4,221
Alfalfa meal	†	3,485 ton	222,967	0	0	222,967
Ensilage	3		14,955	0	0	14,955
Forest products	†		366,401	0	0	366,401
Seeds	5		115,703	8,715	0	106,988
Wool	5	2,561,038 lb.	1,357,374	0	0	1,357,374
Total			2,081,621	8,715	0	2,072,906
TOTAL PRODUCTS MARKETED	1,006		1,063,790,518	151,126,785	397,184,903	515,478,830

* This table includes products handled by miscellaneous products marketing associations in addition to those shown in the following tables.

† Less than three.

Part III. Farm Supplies Sold by All Marketing Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	38	9,328,651 gal.	2,181,811	250,148	1,931,663
Kerosene and fuel oil	32	5,000,822 gal.	752,083	160,663	591,420
Lubricating oil	36	170,809 gal.	147,553	20,433	127,120
Grease	32		32,160	2,982	29,178
Tires and tubes	21		76,591	0	76,591
Accessories and parts	22		235,860	0	235,860
Other auto supplies	20		86,937	9,490	77,447
Total			3,512,995	443,716	3,069,279
Production supplies					
Feed	504	5,200,632 cwt.	22,723,592	4,845,171	17,878,421
Seeds	284	255,810 cwt.	4,968,035	1,006,493	3,961,542
Fertilizer	200	71,245 ton	3,314,395	1,271,078	2,043,317
Other crop supplies	226		1,365,037	47,047	1,317,990
Machinery and implements	88		4,730,161	1,102,067	3,628,094
Hardware	38		382,182	0	382,182
Dairy supplies	154		316,615	0	316,615
Building materials	34		1,429,505	0	1,429,505
Miscellaneous production supplies	293		2,820,116	1,038,578	1,781,538
Automobiles and trucks	*		209,950	0	209,950
Total			42,259,588	9,310,434	32,949,154
General merchandise					
Coal	224		3,678,081	455,340	3,222,741
Groceries	471		2,523,225	355,754	2,167,471
Electrical appliances	6		5,416	0	5,416
Dry goods and clothing	5		95,165	0	95,165
Other general merchandise	11		44,000	0	44,000
Total			6,345,887	811,094	5,534,793
TOTAL SUPPLIES SOLD			52,118,470	10,565,244	41,553,226

* Less than three.

Table 77. Business of All Dairy Associations
Part I. Summary of Business for All Dairy Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETING	309,649,537	85,713,097	223,936,440
TOTAL SUPPLIES SOLD	24,133,611	9,872,568	14,261,043
TOTAL SERVICES PERFORMED	3,510,940	82,415	3,428,525
GRAND TOTAL	337,294,088	95,668,080	241,626,008

Part II. Farm Products Marketed by All Dairy Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	491	22,896,357 lb.	14,467,168	4,492	0	14,462,676
Butter, patrons	494	13,770,932 lb.	8,593,911	0	0	8,593,911
Butter, shipped	496	234,895,464 lb.	141,463,480	29,155,473	16,034,930	96,273,077
Buttermilk, dried	32	12,306,337 lb.	1,141,889	147,611	127,427	866,851
Buttermilk, fluid	468	.....	928,010	404,150	0	523,860
Cheese	21	58,800,607 lb.	20,132,282	1,855,593	10,741,218	7,535,471
Cottage cheese	13	781,718 lb.	136,370	0	0	136,370
Cream, dried	*	82,200 lb./bf.	50,629	26,623	0	24,006
Cream, retail	254	1,240,248 lb./bf.	1,477,276	16,168	0	1,461,108
Cream, wholesale	151	15,275,152 lb./bf.	12,260,289	1,755,855	0	10,504,434
Ice cream	9	800,599 gal.	1,242,180	0	0	1,242,180
Ice cream mix	3	3,430,685 lb.	503,800	23,876	0	479,924
Milk, condensed	5	10,810,398 lb.	1,066,583	881	0	1,065,702
Milk, dried	4	12,211,950 lb.	4,645,375	3,570	0	4,641,805
Milk, evaporated	*	16,570,066 lb.	1,966,379	0	1,247,443	718,936
Milk, retail	160	3,852,196 lb./bf.	6,049,841	68,316	0	5,981,523
Milk, wholesale	220	35,459,423 lb./bf.	33,370,969	7,292,993	0	26,077,976
Skim milk, condensed ..	4	10,333,782 lb.	675,986	18,098	0	657,888
Skim milk, dried	35	219,257,608 lb.	26,691,241	3,478,324	3,610,302	19,602,615
Skim milk, fluid	238	.....	6,769,891	4,706,557	2,274	2,061,060
Whey, dried	2	.....	158,420	3,451	0	154,969
Whey, fluid	19	.....	268,328	89,169	0	179,159
Other dried products ..	4	.....	488,042	24,187	0	463,855
Other fluid products ..	17	.....	373,016	0	0	373,016
Total	538	.....	284,921,355	49,075,387	31,763,594	204,082,374
Vegetables						
Potatoes	*	198 cwt.	459	0	0	459
Grain						
Corn	*	17,530 bu.	21,503	0	0	21,503
Oats	*	28,543 bu.	21,056	0	0	21,056
Rye	*	20,980 bu.	26,816	0	0	26,816
Wheat	*	9,236 bu.	18,431	0	0	18,431
Total .....	.....	.....	87,806	0	0	87,806
Livestock						
Calves	*	1,683 cwt.	40,544	15,400	0	25,144
Cattle	*	9,886 cwt.	158,989	55,200	0	103,789
Hogs	*	12,113 cwt.	211,128	16,845	0	194,283
Sheep	*	943 cwt.	18,386	8,270	0	10,116
Total .....	.....	.....	429,047	95,715	0	333,332
Meat and hides						
Beef	9	235,749 lb.	135,992	0	0	135,992
Pork	4	124,542 lb.	55,092	0	0	55,092
Other meat	3	.....	57,697	42,902	0	14,795
Bones and scraps	10	.....	4,686	0	0	4,686
Hides	42	.....	40,935	1,935	0	39,000
Total .....	.....	.....	294,402	44,837	0	249,565
Poultry and eggs						
Chickens, dressed	11	7,935,220 lb.	2,888,875	103,170	761,113	2,024,592
Chickens, live	62	3,606,250 lb.	781,810	70,926	0	710,884
Ducks and geese	3	.....	1,761	775	0	986
Turkeys, dressed	6	7,332,595 lb.	3,612,578	143,371	926,833	2,542,374
Turkeys, live	4	20,600 lb.	7,667	217	0	7,450
Eggs, dried	*	1,525,115 lb.	1,952,302	0	0	1,952,302
Eggs, frozen	*	1,802,060 lb.	650,307	0	0	650,307
Eggs, shell	87	965,363 case	13,654,504	847,339	1,879,820	10,927,345
Total .....	.....	.....	23,549,804	1,165,798	3,567,766	18,816,240
Miscellaneous						
Forest products .....	*	.....	366,401	0	0	366,401
Wool	*	496 lb.	263	0	0	263
Total .....	.....	.....	366,664	0	0	366,664
TOTAL PRODUCTS MARKETED	538	.....	309,649,537	50,381,737	35,331,360	223,936,440

* Less than three.

Part III. Farm Supplies Sold by All Dairy Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	23	3,800,344 gal.	937,937	246,367	691,570
Kerosene and fuel oil	17	1,798,628 gal.	279,473	160,663	118,810
Lubricating oil	19	76,044 gal.	63,456	19,799	43,657
Grease	17	.....	11,497	2,982	8,515
Tires and tubes	10	.....	31,795	0	31,795
Accessories and parts	15	.....	105,315	0	105,315
Other auto supplies	11	.....	33,787	9,490	24,297
Total			1,463,260	439,301	1,023,959
Production supplies					
Feed	272	2,577,617 cwt.	11,028,145	4,715,847	6,312,298
Seeds	78	74,596 cwt.	1,533,517	956,616	476,901
Fertilizer	56	28,549 ton	1,578,926	1,271,078	307,848
Other crop supplies	54	.....	158,983	0	158,983
Machinery and implements	18	.....	3,837,666	1,102,067	2,735,599
Hardware	18	.....	36,716	0	36,716
Dairy supplies	152	.....	315,916	0	315,916
Building materials	5	.....	2,230	0	2,230
Miscellaneous production supplies	132	.....	1,693,409	1,038,518	654,831
Automobiles and trucks .....	*	.....	206,900	0	206,900
Total			20,392,408	9,084,186	11,308,222
General merchandise					
Coal	18	.....	171,404	0	171,404
Groceries	390	.....	2,056,757	349,081	1,707,676
Electrical appliances	4	.....	3,284	0	3,284
Dry goods and clothing .....	*	.....	35,561	0	35,561
Other general merchandise	5	.....	10,937	0	10,937
Total			2,277,943	349,081	1,928,862
TOTAL SUPPLIES SOLD			24,133,611	9,872,568	14,261,043

* Less than three.

Table 78. Business of Butter Associations
Part I. Summary of Business for Butter Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETING	224,457,706	69,297,029	155,160,677
TOTAL SUPPLIES SOLD	20,807,015	9,084,186	11,722,829
TOTAL SERVICES PERFORMED	2,259,765	82,415	2,177,350
GRAND TOTAL	247,524,486	78,463,630	169,060,856

Part II. Farm Products Marketed by Butter Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	419	14,006,901 lb.	8,999,153	4,492	0	8,994,661
Butter, patrons	425	10,830,889 lb.	6,758,761	0	0	6,758,761
Butter, shipped	434	220,896,632 lb.	133,311,577	25,722,862	16,034,930	91,553,785
Buttermilk, dried	24	9,338,853 lb.	808,534	50,617	127,427	630,490
Buttermilk, fluid	401		761,246	382,360	0	378,886
Cheese	3	38,698,154 lb.	13,820,866	0	10,741,218	3,079,648
Cottage cheese	6	58,512 lb.	19,640	0	0	19,640
Cream, retail	211	740,589 lb./bf.	816,998	16,168	0	800,830
Cream, wholesale	113	3,787,677 lb./bf.	3,189,352	222,735	0	2,966,617
Ice cream	3	359,706 gal.	580,610	0	0	580,610
Ice cream mix	*	51,255 lb.	9,284	0	0	9,284
Milk, condensed	*	1,016,239 lb.	47,204	0	0	47,204
Milk, dried	*	2,018,156 lb.	866,267	0	0	866,267
Milk, evaporated	*	10,208,436 lb.	1,247,443	0	1,247,443	0
Milk, retail	126	1,808,848 lb./bf.	2,906,482	0	0	2,906,482
Milk, wholesale	145	8,482,314 lb./bf.	7,886,081	2,553,835	0	5,332,246
Skim milk, condensed	*	921,678 lb.	96,762	0	0	96,762
Skim milk, dried	24	125,193,009 lb.	15,268,964	161,268	3,550,302	11,557,394
Skim milk, fluid	199		5,513,008	4,207,712	2,274	1,303,022
Whey, fluid	4		138,947	3,116	0	135,831
Other fluid products	9		196,964	0	0	196,964
Total	434		203,244,143	33,325,165	31,703,594	138,215,384
Vegetables						
Potatoes	*	198 cwt.	459	0	0	459
Grain						
Corn	*	17,530 bu.	21,503	0	0	21,503
Oats	*	28,543 bu.	21,056	0	0	21,056
Rye	*	20,980 bu.	26,816	0	0	26,816
Wheat	*	9,236 bu.	18,431	0	0	18,431
Total			87,806	0	0	87,806
Livestock						
Calves	*	1,080 cwt.	25,144	0	0	25,144
Cattle	*	6,740 cwt.	103,789	0	0	103,789
Hogs	*	11,161 cwt.	194,283	0	0	194,283
Sheep	*	523 cwt.	10,116	0	0	10,116
Total			333,332	0	0	333,332
Meat and hides						
Beef	8	199,674 lb.	115,135	0	0	115,135
Pork	3	93,125 lb.	41,187	0	0	41,187
Other meat	*		308	0	0	308
Bones and scraps			3,465	0	0	3,465
Hides	32		31,372	610	0	30,762
Total			191,467	610	0	190,857
Poultry and eggs						
Chickens, dressed	8	7,638,614 lb.	2,794,169	48,470	761,113	1,984,586
Chickens, live	50	2,626,297 lb.	567,355	59,222	0	508,133
Ducks and geese	*		418	0	0	418
Turkeys, dressed	4	6,612,058 lb.	3,290,388	0	926,833	2,363,555
Turkeys, live	3	19,763 lb.	7,359	217	0	7,142
Eggs, dried	*	1,525,115 lb.	1,952,302	0	0	1,952,302
Eggs, frozen	*	1,802,060 lb.	650,307	0	0	650,307
Eggs, shell	69	786,489 case	11,336,548	591,985	1,879,820	8,864,743
Total			20,598,846	699,894	3,567,766	16,331,186
Miscellaneous						
Forest products	*		1,390	0	0	1,390
Wool	*	496 lb.	263	0	0	263
Total			1,653	0	0	1,653
TOTAL PRODUCTS MARKETED	434		224,457,706	34,025,669	35,271,360	155,160,677

* Less than three.

Part III. Farm Supplies Sold by Butter Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	19	2,128,794 gal.	537,850	0	537,850
Kerosene and fuel oil	14	692,329 gal.	111,916	0	111,916
Lubricating oil	15	40,598 gal.	36,522	0	36,522
Grease	14	.....	7,535	0	7,535
Tires and tubes	7	.....	21,264	0	21,264
Accessories and parts	12	.....	74,134	0	74,134
Other auto supplies	9	.....	16,444	0	16,444
Total .....	.....	.....	805,665	0	805,665
Production supplies					
Feed	227	2,356,027 cwt.	10,044,857	4,715,847	5,329,010
Seeds	62	64,791 cwt.	1,358,056	956,616	401,440
Fertilizer	45	23,797 ton	1,500,484	1,271,078	229,406
Other crop supplies	42	.....	124,641	0	124,641
Machinery and implements	15	.....	3,805,598	1,102,067	2,703,531
Hardware	16	.....	35,835	0	35,835
Dairy supplies	132	.....	259,085	0	259,085
Building materials	4	.....	1,913	0	1,913
Miscellaneous production supplies	98	.....	1,358,729	1,038,578	320,151
Total .....	.....	.....	18,489,198	9,084,186	9,405,012
General merchandise					
Coal	14	.....	147,610	0	147,610
Groceries	321	.....	1,325,388	0	1,325,388
Electrical appliances	4	.....	3,284	0	3,284
Dry goods and clothing .....	*	.....	35,561	0	35,561
Other general merchandise	3	.....	309	0	309
Total .....	.....	.....	1,512,152	0	1,512,152
TOTAL SUPPLIES SOLD .....	.....	.....	20,807,015	9,084,186	11,722,829

* Less than three.

Table 79. Business of Milk and Cream Associations
Part I. Summary of Business for Milk and Cream Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	70,709,109	12,958,090	57,751,019
TOTAL SUPPLIES SOLD	1,097,223	0	1,097,223
TOTAL SERVICES PERFORMED	916,872	0	916,872
GRAND TOTAL	72,723,204	12,958,090	59,765,114

Part II. Farm Products Marketed by Milk and Cream Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter- association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	48	7,383,892 lb.	4,508,458	0	0	4,508,458
Butter, patrons	48	2,418,493 lb.	1,509,681	0	0	1,509,681
Butter, shipped	39	9,692,262 lb.	5,650,328	2,751,245	0	2,899,083
Buttermilk, dried	6	2,920,941 lb.	328,302	93,001	0	235,301
Buttermilk, fluid	45		135,022	9,941	0	125,081
Cheese	*	760,146 lb.	232,685	231,661	0	1,024
Cottage cheese	6	694,643 lb.	112,157	0	0	112,157
Cream, dried	*	82,200 lb./bf.	50,629	26,623	0	24,006
Cream, retail	27	403,111 lb./bf.	537,515	0	0	537,515
Cream, wholesale	28	11,319,894 lb./bf.	8,926,796	1,463,049	0	7,463,747
Ice cream	4	426,598 gal.	639,912	0	0	639,912
Ice cream mix	*	3,379,430 lb.	494,516	23,876	0	470,640
Milk, condensed	4	9,794,159 lb.	1,019,379	881	0	1,018,498
Milk, dried	3	10,193,794 lb.	3,779,108	3,570	0	3,775,538
Milk evaporated	*	6,361,630 lb.	718,936	0	0	718,936
Milk, retail	17	1,741,324 lb./bf.	2,674,144	68,316	0	2,605,828
Milk, wholesale	59	26,245,942 lb./bf.	24,638,088	4,015,752	0	20,622,336
Skim milk, condensed	3	9,412,104 lb.	579,224	18,098	0	561,126
Skim milk, dried	11	94,064,599 lb.	11,422,277	3,317,056	60,000	8,045,221
Skim milk, fluid	33		1,180,967	458,403	0	722,564
Whey, dried	*		3,839	3,451	0	388
Whey, fluid	*		3,283	3,020	0	263
Other dried products	4		488,042	24,187	0	463,855
Other fluid products	6		130,813	0	0	130,813
Total	69		69,764,101	12,512,130	60,000	57,191,971
Meat and hides						
Other meat	*		14,487	0	0	14,487
Bones and scraps	*		1,221	0	0	1,221
Hides	4		4,563	0	0	4,563
Total			20,271	0	0	20,271
Poultry and eggs						
Chickens, dressed	*	151,664 lb.	54,713	54,700	0	13
Chickens, live	*	189,284 lb.	39,338	0	0	39,338
Ducks and geese	*		775	775	0	0
Turkeys, dressed	*	250,037 lb.	143,371	143,371	0	0
Eggs, shell	3	51,713 case	686,540	187,114	0	499,426
Total			924,737	385,960	0	538,777
TOTAL PRODUCTS MARKETED	69		70,709,109	12,898,090	60,000	57,751,019

* Less than three.

Part III. Farm Supplies Sold by Milk and Cream Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	*	16,708 gal.	4,000	0	4,000
Lubricating oil	*	490 gal.	435	0	435
Total			4,435	0	4,435
Production supplies					
Feed	28	97,812 cwt.	412,125	0	412,215
Seeds	8	1,387 cwt.	31,964	0	31,964
Fertilizer	5	377 ton	19,427	0	19,427
Other crop supplies	6		9,457	0	9,457
Hardware	*		401	0	401
Dairy supplies	15		40,312	0	40,312
Building materials	*		317	0	317
Miscellaneous production supplies	19		277,050	0	277,050
Total			791,053	0	791,053
General merchandise					
Coal	*		18,082	0	18,082
Groceries	46		273,679	0	273,679
Other general merchandise	*		9,974	0	9,974
Total			301,735	0	301,735
TOTAL SUPPLIES SOLD			1,097,223	0	1,097,223

* Less than three.

Table 80. Business of Cheese Associations

Part I. Summary of Business for Cheese Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETING	7,111,459	1,764,872	5,346,587
TOTAL SUPPLIES SOLD	45,873	0	45,873
TOTAL SERVICES PERFORMED	97,388	0	97,388
GRAND TOTAL	7,254,720	1,764,872	5,489,848

Part II. Farm Products Marketed by Cheese Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	5	350,783 lb.	222,744	0	0	222,744
Butter, patrons	5	152,468 lb.	96,316	0	0	96,316
Butter, shipped	5	731,965 lb.	428,756	99,761	0	328,995
Buttermilk, dried	*	14,264 lb.	1,060	0	0	1,060
Buttermilk, fluid	3		4,111	974	0	3,137
Cheese	16	18,782,789 lb.	5,900,301	1,534,717	0	4,365,584
Cream, retail	3	9,429 lb./bf.	9,373	0	0	9,373
Cream, wholesale	*	28,422 lb./bf.	22,524	22,524	0	0
Milk, retail	4	38,943 lb./bf.	41,437	0	0	41,437
Milk, wholesale	4	49,567 lb./bf.	41,972	23,863	0	18,109
Skim milk, fluid	*		16,947	0	0	16,947
Whey, dried	*		154,581	0	0	154,581
Whey, fluid	14		126,098	83,033	0	43,065
Other fluid products	*		45,239	0	0	45,239
TOTAL PRODUCTS MARKETED	16		7,111,459	1,764,872	0	5,346,587

* Less than three.

Part III. Farm Supplies Sold by Cheese Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business states done in other	Net Minnesota business
			dollars	dollars	dollars
Production supplies					
Dairy supplies	4		11,355	0	11,355
Miscellaneous production supplies	*		13,292	0	13,292
Total			24,647	0	24,647
General merchandise					
Groceries	7		21,226	0	21,226
TOTAL SUPPLIES SOLD			45,873	0	45,873

* Less than three.

Table 81. Business of Mixed Dairy Associations

Part I. Summary of Business for Mixed Dairy Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	7,371,263	1,693,106	5,678,157
TOTAL SUPPLIES SOLD	2,183,500	788,382	1,395,118
TOTAL SERVICES PERFORMED	236,915	0	236,915
GRAND TOTAL	9,791,678	2,481,488	7,310,190

Part II. Farm Products Marketed by Mixed Dairy Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	19	1,154,781 lb.	736,813	0	0	736,813
Butter, patrons	16	369,082 lb.	229,153	0	0	229,153
Butter, shipped	18	3,544,615 lb.	2,072,819	581,605	0	1,491,214
Buttermilk, dried	*	32,279 lb.	3,993	3,993	0	0
Buttermilk, fluid	19		27,631	10,875	0	16,756
Cheese	*	559,518 lb.	178,430	89,215	0	89,215
Cottage cheese	*	28,563 lb.	4,573	0	0	4,573
Cream, retail	13	87,099 lb./bf.	113,390	0	0	113,390
Cream, wholesale	8	139,159 lb./bf.	121,617	47,547	0	74,070
Ice cream	*	14,295 gal.	21,658	0	0	21,658
Milk, retail	13	263,081 lb./bf.	427,778	0	0	427,778
Milk, wholesale	12	681,600 lb./bf.	804,828	699,543	0	105,285
Skim milk, fluid	4		58,969	40,442	0	18,527
Total			4,801,652	1,473,220	0	3,328,432
Livestock						
Calves	*	603 cwt.	15,400	15,400	0	0
Cattle	*	3,146 cwt.	55,200	55,200	0	0
Hogs	*	952 cwt.	16,845	16,845	0	0
Sheep	*	420 cwt.	8,270	8,270	0	0
Total			95,715	95,715	0	0
Meat and hides						
Beef	*	36,075 lb.	20,857	0	0	20,857
Pork	*	31,417 lb.	13,905	0	0	13,905
Other meat	*		42,902	42,902	0	0
Hides	6		5,000	1,325	0	3,675
Total			82,664	44,227	0	38,437
Poultry and eggs						
Chickens, dressed	*	144,942 lb.	39,993	0	0	39,993
Chickens, live	11	790,644 lb.	175,117	11,704	0	163,413
Ducks and geese	*		568	0	0	568
Turkeys, dressed	*	470,500 lb.	178,819	0	0	178,819
Turkeys, live	*	837 lb.	308	0	0	308
Eggs, shell	15	127,160 case	1,631,416	68,240	0	1,563,176
Total			2,026,221	79,944	0	1,946,277
Miscellaneous						
Forest products	*		365,011	0	0	365,011
TOTAL PRODUCTS MARKETING	19		7,371,263	1,693,106	0	5,678,157

* Less than three.

Part III. Farm Supplies Sold by Mixed Dairy Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	3	1,654,842 gal.	396,087	246,367	149,720
Kerosene and fuel oil	3	1,106,299 gal.	167,557	160,663	6,894
Lubricating oil	3	34,956 gal.	26,499	19,799	6,700
Grease	3	.....	3,962	2,982	980
Tires and tubes	3	.....	10,531	0	10,531
Accessories and parts	3	.....	31,181	0	31,181
Other auto supplies .....	*	.....	17,343	9,490	7,853
Total .....	.....	.....	653,160	439,301	213,859
Production supplies					
Feed	17	123,778 cwt.	571,163	0	571,163
Seeds	8	8,418 cwt.	143,497	0	143,497
Fertilizer	6	4,375 ton	59,015	0	59,015
Other crop supplies	6	.....	24,885	0	24,885
Machinery and implements	3	.....	32,068	0	32,068
Hardware .....	*	.....	480	0	480
Dairy supplies	4	.....	5,164	0	5,164
Miscellaneous production supplies	13	.....	44,338	0	44,338
Automobiles and trucks .....	*	.....	206,900	0	206,900
Total .....	.....	.....	1,087,510	0	1,087,510
General merchandise					
Coal .....	*	.....	5,712	0	5,712
Groceries	16	.....	436,464	349,081	87,383
Other general merchandise .....	*	.....	654	0	654
Total .....	.....	.....	442,830	349,081	93,749
TOTAL SUPPLIES SOLD .....	.....	.....	2,183,500	788,382	1,395,118

* Less than three.

Table 82. Business of Grain Associations
Part I. Summary of Business for Grain Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	525,868,347	354,791,850	171,076,497
TOTAL SUPPLIES SOLD	25,228,955	692,676	24,536,279
TOTAL SERVICES PERFORMED	2,469,498	999,994	1,469,504
GRAND TOTAL	553,566,800	356,484,520	197,082,280

Part II. Farm Products Marketed by Grain Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Grain						
Barley	228	26,471,398 bu.	35,465,646	3,564,797	14,679,008	17,221,841
Buckwheat	30	28,825 bu.	71,096	26,175	0	44,921
Corn	191	39,748,224 bu.	52,329,374	9,234,396	3,705,746	39,389,232
Durum	37	14,150,775 bu.	31,575,952	131,378	30,660,352	784,222
Flaxseed	229	20,532,364 bu.	122,108,199	21,889,234	35,381,186	64,837,779
Millet	9	16,566 bu.	32,989	11,534	0	21,455
Oats	232	29,541,252 bu.	21,268,316	3,175,176	5,652,070	12,441,070
Rye	182	3,301,347 bu.	4,997,148	452,974	2,595,154	1,949,020
Soybeans	158	7,096,190 bu.	17,197,647	2,284,977	85,727	14,826,943
Wheat	198	53,172,165 bu.	120,872,268	3,692,900	100,595,004	16,584,364
Screenings	108	*	129,530	20,438	0	109,092
Unclassified	*	*	117,690,279	20,051,775	96,882,465	756,039
Total	232	.....	523,738,444	64,535,754	290,236,712	168,965,978
Livestock						
Calves	*	1,328 cwt.	40,574	0	0	40,574
Cattle	3	8,220 cwt.	160,076	324	0	159,752
Hogs	3	67,539 cwt.	1,308,615	10,498	0	1,298,117
Sheep	*	263 cwt.	5,772	0	0	5,772
Total .....	.....	.....	1,515,037	10,822	0	1,504,215
Vegetables						
Potatoes	*	222,642 cwt.	514,601	0	0	514,601
Miscellaneous						
Seeds	4	.....	92,550	8,562	0	83,988
Wool	*	14,557 lb.	7,715	0	0	7,715
Total .....	.....	.....	100,265	8,562	0	91,703
TOTAL PRODUCTS MARKETED	232	.....	525,868,347	64,555,138	290,236,712	171,076,497

* Less than three.

Part III. Farm Supplies Sold by Grain Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Inter-association transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	15	5,528,307 gal.	1,243,874	3,781	1,240,093
Kerosene and fuel oil	14	3,197,642 gal.	471,944	0	471,944
Lubricating oil	17	94,765 gal.	84,097	634	83,463
Grease	15	.....	20,663	0	20,663
Tires and tubes	11	.....	44,796	0	44,796
Accessories and parts	7	.....	130,545	0	130,545
Other auto supplies	8	.....	47,818	0	47,818
Total .....	.....	.....	2,043,737	4,415	2,039,322
Production supplies					
Feed	205	2,391,737 cwt.	10,635,128	129,324	10,505,804
Seeds	198	176,022 cwt.	3,307,591	49,877	3,257,714
Fertilizer	139	40,012 ton	1,603,196	0	1,603,196
Other crop supplies	163	.....	852,676	47,047	805,629
Machinery and implements	64	.....	796,583	0	796,583
Hardware	16	.....	160,785	0	160,785
Building materials	25	.....	1,423,152	0	1,423,152
Miscellaneous production supplies	133	.....	770,679	0	770,679
Automobiles and trucks .....	*	.....	3,050	0	3,050
Total .....	.....	.....	19,552,840	226,248	19,326,592
General merchandise					
Coal	204	.....	3,473,253	455,340	3,017,913
Groceries	58	.....	125,477	6,673	118,804
Electrical appliances .....	*	.....	1,500	0	1,500
Other general merchandise	4	.....	32,148	0	32,148
Total .....	.....	.....	3,632,378	462,013	3,170,365
TOTAL SUPPLIES SOLD .....	.....	.....	25,228,955	692,676	24,536,279

* Less than three.

Table 83. Business of Livestock Associations
Part I. Summary of Business for Livestock Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	205,123,686	106,327,334	98,796,352
TOTAL SUPPLIES SOLD	98,578	0	98,578
TOTAL SERVICES PERFORMED	215,514	0	215,514
GRAND TOTAL	205,437,778	106,327,334	99,110,444

Part II. Farm Products Marketed by Livestock Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter- association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Livestock						
Calves	171	130,607 cwt.	3,284,239	2,499,743	0	784,496
Cattle	182	1,186,770 cwt.	20,560,989	18,006,506	0	2,554,483
Hogs	182	1,199,284 cwt.	21,303,481	13,172,080	0	8,131,401
Sheep	176	78,580 cwt.	1,521,476	1,032,174	0	489,302
Unclassified	3	.....	158,453,501	0	71,616,831	86,836,670
TOTAL PRODUCTS MARKETED	185	.....	205,123,686	34,710,503	71,616,831	98,796,352

Part III. Farm Supplies Sold by Livestock and Wool Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Production supplies					
Feed	3	6,402 cwt.	27,849	0	27,849
Seeds	*	180 cwt.	4,921	0	4,921
Other crop supplies	3	.....	6,045	0	6,045
Machinery and implements	*	.....	17,877	0	17,877
Hardware	*	.....	24,572	0	24,572
Miscellaneous production supplies .....	*	.....	2,614	0	2,614
Total .....	.....	.....	83,878	0	83,878
General merchandise					
Coal .....	*	.....	11,620	0	11,620
Groceries .....	*	.....	2,904	0	2,904
Dry goods and clothing	*	.....	176	0	176
Total .....	.....	.....	14,700	0	14,700
TOTAL SUPPLIES SOLD .....	.....	.....	98,578	0	98,578

* Less than three.

Table 84. Business of Poultry Associations
Part I. Summary of Business for Poultry Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	17,722,596	1,473,201	16,249,395
TOTAL SUPPLIES SOLD	1,996,892	0	1,996,892
TOTAL SERVICES PERFORMED	126,885	0	126,885
GRAND TOTAL	19,846,373	1,473,201	18,373,172

Part II. Farm Products Marketed by Poultry Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	20	678,059 lb.	429,869	0	0	429,869
Butter, patrons	20	588,576 lb.	376,170	0	0	376,170
Butter, shipped	20	4,751,683 lb.	2,781,845	756,816	0	2,025,029
Buttermilk, dried	*	172,400 lb.	12,962	4,000	0	8,962
Buttermilk, fluid	18		23,646	11,966	0	11,680
Cream, retail	11	47,415 lb./bf.	75,653	0	0	75,653
Cream, wholesale	3	17,308 lb./bf.	15,579	8,496	0	7,083
Milk, retail	7	120,957 lb./bf.	191,536	0	0	191,536
Milk, wholesale	7	104,393 lb./bf.	107,459	84,194	0	23,265
Skim milk, dried	*	211,600 lb.	20,768	20,768	0	0
Skim milk, fluid	*		13,506	13,506	0	0
Other fluid products	*		225	0	0	225
Total			4,049,218	899,746	0	3,149,472
Livestock						
Cattle	*	704 cwt.	12,682	0	0	12,682
Meat and hides						
Hides	7		5,330	0	0	5,330
Poultry and eggs						
Chickens, dressed	6	1,514,874 lb.	430,348	0	0	430,348
Chickens, live	27	2,721,472 lb.	595,760	61,183	0	534,577
Turkeys, dressed	8	10,165,790 lb.	4,086,864	78,104	0	4,008,760
Turkeys, live	7	3,692,951 lb.	1,352,402	93,312	0	1,259,090
Eggs, frozen	*	599,208 lb.	188,690	0	0	188,690
Eggs, shell	33	543,044 case	6,972,529	340,856	0	6,631,673
Total	36		13,626,593	573,455	0	13,053,138
Miscellaneous						
Alfalfa meal	*	391 ton	25,013	0	0	25,013
Wool	+	7,094 lb.	3,760	0	0	3,760
Total	..		28,773	0	0	28,773
TOTAL PRODUCTS MARKETED			17,722,596	1,473,201	0	16,249,395

* Less than three.

Part III. Farm Supplies Sold by Poultry Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Kerosene and fuel oil	*	4,556 gal	666	0	666
Other auto supplies	*		5,332	0	5,332
Total	*		5,998	0	5,998
Production supplies					
Feed	24	224,876 cwt	1,032,470	0	1,032,470
Seeds	5	1,088 cwt.	29,594	0	29,594
Fertilizer	*	107 ton	6,543	0	6,543
Other crop supplies	4		8,812	0	8,812
Machinery and implements	4		78,035	0	78,035
Hardware	3		160,109	0	160,109
Dairy supplies	*		699	0	699
Building materials	*		705	0	705
Miscellaneous production supplies	19		253,661	0	253,661
Total			1,570,628	0	1,570,628
General merchandise					
Coal	*		21,804	0	21,804
Groceries	22		338,087	0	338,087
Electrical appliances	*		632	0	632
Dry goods and clothing	*		59,428	0	59,428
Other general merchandise	*		315	0	315
Total			420,266	0	420,266
TOTAL SUPPLIES SOLD			1,996,892	0	1,996,892

* Less than three.

Table 85. Business of Fruit and Vegetable Associations
Part I. Summary of Business for Fruit and Vegetable Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED—FRUIT	142,442	0	142,442
TOTAL PRODUCTS MARKETED—VEGETABLES	3,712,946	6,053	3,706,893
TOTAL SUPPLIES SOLD	660,434	0	660,434
TOTAL SERVICES PERFORMED	81,766	0	81,766
GRAND TOTAL	4,597,588	6,053	4,591,535

Part II. Farm Products Marketed by Fruit Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter- association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Fruit						
Currants	3	14,596 qt.	3,177	0	0	3,177
Gooseberries	3	961 qt.	270	0	0	270
Raspberries	5	197,413 qt.	86,160	0	0	86,160
Strawberries	4	140,786 qt.	52,835	0	0	52,835
TOTAL PRODUCTS MARKETED	5		142,442	0	0	142,442

Part III. Farm Products Marketed by Vegetable Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter- association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Vegetables						
Corn, canned	3	344,399 case	724,654	6,053	0	718,601
Onions	*		1,223,609	0	0	1,223,609
Peas	*		152,174	0	0	152,174
Potatoes	4	693,482 cwt.	1,501,554	0	0	1,501,554
Unclassified	*		96,000	0	0	96,000
Total	7		3,697,991	6,053	0	3,691,938
Miscellaneous Ensilage	3		14,955	0	0	14,955
TOTAL PRODUCTS MARKETED	7		3,712,946	6,053	0	3,706,893

* Less than three.

Part IV. Farm Supplies Sold by Fruit and Vegetable Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Production supplies					
Seeds	*	3,924 cwt.	92,412	0	92,412
Fertilizer	3	2,577 ton	125,730	0	125,730
Other crop supplies	*		338,521	0	338,521
Building materials	*		3,418	0	3,418
Miscellaneous production supplies	7		99,753	0	99,753
Total			659,834	0	659,834
General merchandise					
Other general merchandise	*		600	0	600
TOTAL SUPPLIES SOLD			660,434	0	660,434

* Less than three.

Table 86. Business of All Farm Supply Associations
Part I. Summary of Business for All Farm Supply Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	2,713,897	563,382	2,150,515
TOTAL SUPPLIES SOLD	140,731,521	73,764,447	66,967,074
TOTAL SERVICES PERFORMED	1,203,409	241,264	962,145
GRAND TOTAL	144,648,827	74,569,093	70,079,734

Part II. Farm Products Marketed by All Farm Supply Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter- association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	*	26,521 lb.	16,223	0	0	16,223
Butter, patrons	*	13,260 lb.	8,112	0	0	8,112
Butter, shipped	*	228,864 lb.	130,848	130,848	0	0
Buttermilk, fluid	*		664	0	0	664
Cream, retail	*	7,489 lb./bf.	5,922	0	0	5,922
Cream, wholesale	*	56,702 lb./bf.	38,858	28,642	0	10,216
Skim milk, fluid	*		3,788	3,788	0	0
Total			204,415	163,278	0	41,137
Vegetables						
Potatoes	*	611 cwt.	1,413	0	0	1,413
Grain						
Barley	5	80,975 bu.	115,888	986	0	114,902
Corn	6	122,500 bu.	170,283	0	0	170,283
Flaxseed	4	54,596 bu.	253,959	105,132	0	148,827
Oats	7	217,122 bu.	175,836	255	0	175,581
Rye	3	10,509 bu.	15,315	0	0	15,315
Soybeans	*	122,722 bu.	294,421	0	0	294,421
Wheat	7	46,595 bu.	100,540	11,821	0	88,719
Total			1,126,242	118,194	0	1,008,048
Livestock						
Calves	*	2,788 cwt.	71,090	50,318	0	20,772
Cattle	*	7,670 cwt.	135,071	16,000	0	119,071
Hogs	*	8,033 cwt.	142,180	116,400	0	25,780
Sheep	*	361 cwt.	7,109	0	0	7,109
Total			355,450	182,718	0	172,732
Meat and hides						
Hides	4		3,108	1,466	0	1,642
Poultry and eggs						
Chickens, live	8	252,539 lb.	53,105	0	0	53,105
Eggs, shell	30	69,041 case	907,550	97,726	0	809,824
Total			960,655	97,726	0	862,929
Miscellaneous						
Forest products	*		13,120	0	0	13,120
Seeds	*		49,475	0	0	49,475
Wool	*	36 lb.	19	0	0	19
Total			62,614	0	0	62,614
TOTAL PRODUCTS MARKETED			2,713,897	563,382	0	2,150,515

* Less than three.

Part III. Farm Supplies Sold by All Farm Supply Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	214	318,534,786 gal.	53,891,314	29,062,327	24,828,987
Kerosene and fuel oil	194	166,979,539 gal.	16,035,571	8,154,308	7,881,263
Lubricating oil	203	5,242,642 gal.	2,989,984	1,560,773	1,429,211
Grease	188	.....	699,679	366,705	332,974
Tires and tubes	165	.....	2,987,200	1,984,631	1,002,569
Accessories and parts	156	.....	2,469,314	920,003	1,549,311
Other auto supplies	133	.....	1,581,018	1,006,947	574,071
Total .....	.....	.....	80,654,080	43,055,694	37,598,386
Production supplies					
Feed	104	3,145,660 cwt.	11,507,218	7,049,587	4,457,631
Seeds	68	99,620 cwt.	3,647,428	3,232,915	414,513
Fertilizer	70	156,250 ton	7,484,637	4,257,455	3,227,182
Other crop supplies	49	.....	768,560	596,144	172,416
Machinery and implements	108	.....	7,228,306	4,331,423	2,896,883
Hardware	112	.....	4,676,365	1,887,059	2,789,306
Dairy supplies	7	.....	62,030	52,031	9,999
Building materials	67	.....	7,315,793	5,362,571	1,953,222
Miscellaneous production supplies	91	.....	723,527	120,886	602,641
Automobiles and trucks	6	.....	257,522	0	257,522
Total .....	.....	.....	43,671,386	26,890,071	16,781,315
General merchandise					
Coal	28	.....	1,757,437	1,056,326	701,111
Groceries	125	.....	10,803,481	1,005,653	9,797,828
Electrical appliances	52	.....	1,734,499	1,084,992	649,507
Dry goods and clothing	63	.....	1,423,920	0	1,423,920
Other general merchandise	10	.....	686,718	671,711	15,007
Total .....	.....	.....	16,406,055	3,818,682	12,587,373
TOTAL SUPPLIES SOLD .....	.....	.....	140,731,521	73,764,447	66,967,074

Table 87. Business of Petroleum Associations
Part I. Summary of Business for Petroleum Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	227,291	163,169	64,122
TOTAL SUPPLIES SOLD	101,434,131	61,120,746	40,313,385
TOTAL SERVICES PERFORMED	858,346	129,568	728,778
GRAND TOTAL	102,519,768	61,413,483	41,106,285

Part II. Farm Products Marketed by Petroleum Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Cream, wholesale	*	42,107 lb./bf.	28,642	28,642	0	0
Grain						
Barley	*	1,247 bu.	986	986	0	0
Flaxseed	*	28,416 bu.	105,132	105,132	0	0
Oats	*	4,433 bu.	2,558	255	0	2,303
Rye	*	5 bu.	6	0	0	6
Wheat	*	5,718 bu.	11,821	11,821	0	0
Total			120,503	118,194	0	2,309
Poultry and eggs						
Eggs, shell	4	6,784 case	78,146	16,333	0	61,813
TOTAL PRODUCTS MARKETED			227,291	163,169	0	64,122

* Less than three.

Part III. Farm Supplies Sold by Petroleum Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	164	308,547,633 gal.	51,992,346	28,984,847	23,007,499
Kerosene and fuel oil	164	165,527,516 gal.	15,768,607	8,154,308	7,614,299
Lubricating oil	164	5,089,862 gal.	2,875,839	1,557,693	1,318,146
Grease	161	.....	673,803	366,141	307,668
Tires and tubes	137	.....	2,873,959	1,981,783	892,176
Accessories and parts	139	.....	2,277,570	920,003	1,357,567
Other auto supplies	114	.....	1,486,245	1,005,856	480,389
Total			77,948,369	42,970,631	34,977,738
Production supplies					
Feed	36	1,454,930 cwt.	4,339,159	3,960,296	378,863
Seeds	21	44,935 cwt.	1,678,367	1,612,440	65,927
Fertilizer	39	56,974 ton	2,709,660	2,265,660	444,000
Other crop supplies	27	.....	669,279	596,144	73,135
Machinery and implements	72	.....	5,952,394	4,323,548	1,628,846
Hardware	50	.....	2,249,802	1,641,434	608,368
Dairy supplies	6	.....	61,930	52,031	9,899
Building materials	31	.....	652,788	580,230	72,558
Miscellaneous production supplies	58	.....	249,097	99,046	150,051
Automobiles and trucks	4	.....	167,729	0	167,729
Total			18,730,205	15,130,829	3,599,376
General merchandise					
Coal	5	.....	337,684	256,930	80,754
Groceries	24	.....	2,251,452	1,005,653	1,245,799
Electrical appliances	27	.....	1,442,545	1,084,992	357,553
Dry goods and clothing	3	.....	37,821	0	37,821
Other general merchandise	8	.....	686,055	671,711	14,344
Total			4,755,557	3,019,286	1,736,271
TOTAL SUPPLIES SOLD			101,434,131	61,120,746	40,313,385

Table 88. Business of Production Supply Associations
Part I. Summary of Business for Production Supply Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	783,329	0	783,329
TOTAL SUPPLIES SOLD	24,615,176	12,643,701	11,971,475
TOTAL SERVICES PERFORMED	225,797	111,696	114,101
GRAND TOTAL	25,624,302	12,755,397	12,868,905

Part II. Farm Products Marketed by Production Supply Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter- association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Cream, wholesale	*	14,595 lb./bf.	10,216	0	0	10,216
Vegetables						
Potatoes	*	611 cwt.	1,413	0	0	1,413
Grain						
Barley	3	15,297 bu.	20,568	0	0	20,568
Corn	5	115,078 bu.	161,314	0	0	161,314
Flaxseed	*	8,176 bu.	47,111	0	0	47,111
Oats	5	179,765 bu.	145,691	0	0	145,691
Rye	*	60 bu.	90	0	0	90
Soybeans	*	122,722 bu.	294,421	0	0	294,421
Wheat	5	13,186 bu.	28,996	0	0	28,996
Total			698,191	0	0	698,191
Poultry and eggs						
Eggs, shell	*	1,210 case	10,895	0	0	10,895
Miscellaneous						
Forest products	*		13,120	0	0	13,120
Seeds	*		49,475	0	0	49,475
Wool	*	36 lb.	19	0	0	19
Total			62,614	0	0	62,614
TOTAL PRODUCTS MARKETED			783,329	0	0	783,329

* Less than three.

Part III. Farm Supplies Sold by Production Supply Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	15	6,864,683 gal.	1,116,254	77,480	1,038,774
Kerosene and fuel oil	14	553,759 gal.	85,841	0	85,841
Lubricating oil	9	91,188 gal.	56,004	3,080	52,924
Grease	10		13,516	564	12,952
Tires and tubes	8		57,008	2,848	54,160
Accessories and parts	5		45,460	0	45,460
Other auto supplies	7		19,279	1,091	18,188
Total			1,393,362	85,063	1,308,299
Production supplies					
Feed	33	1,406,891 cwt.	5,917,877	3,089,291	2,828,586
Seeds	25	50,980 cwt.	1,874,980	1,620,475	254,505
Fertilizer	23	98,001 ton	4,704,676	1,991,795	2,712,881
Other crop supplies	15		76,459	0	76,459
Machinery and implements	19		929,412	7,875	921,537
Hardware	12		1,075,475	245,625	829,850
Dairy supplies	*		100	0	100
Building materials	13		6,439,659	4,782,341	1,657,318
Miscellaneous production supplies	20		365,237	21,840	343,397
Automobiles and trucks	*		25,000	0	25,000
Total			21,408,875	11,759,242	9,649,633
General merchandise					
Coal	12		1,105,442	799,396	306,046
Groceries	11		503,497	0	503,497
Electrical appliances	6		121,820	0	121,820
Dry goods and clothing	4		81,517	0	81,517
Other general merchandise	*		663	0	663
Total			1,812,939	799,396	1,013,543
TOTAL SUPPLIES SOLD			24,615,176	12,643,701	11,971,475

* Less than three.

Table 89. Business of General Merchandise Associations
Part I. Summary of Business for General Merchandise Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETING	626,453	82,859	543,594
TOTAL SUPPLIES SOLD	13,640,507	0	13,640,507
TOTAL SERVICES PERFORMED	106,101	0	106,101
GRAND TOTAL	14,373,061	82,859	14,290,202

Part II. Farm Products Marketed by General Merchandise Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Meat and hides						
Hides	3	.....	2,419	1,466	0	953
Poultry and eggs						
Chickens, live	5	149,382 lb.	31,217	0	0	31,217
Eggs, shell	20	44,861 case	592,817	81,393	0	511,424
Total			624,034	81,393	0	542,641
TOTAL PRODUCTS MARKETING			626,453	82,859	0	543,594

Part III. Farm Supplies Sold by General Merchandise Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	29	2,302,759 gal.	597,735	0	597,735
Kerosene and fuel oil	11	566,014 gal.	92,151	0	92,151
Lubricating oil	24	47,613 gal.	46,092	0	46,092
Grease	12	.....	9,951	0	9,951
Tires and tubes	15	.....	48,630	0	48,630
Accessories and parts	8	.....	136,635	0	136,635
Other auto supplies	10	.....	67,865	0	67,865
Total			999,059	0	999,059
Production supplies					
Feed	40	239,573 cwt.	1,066,969	0	1,066,969
Seeds	19	2,446 cwt.	57,787	0	57,787
Fertilizer	7	687 ton	40,810	0	40,810
Other crop supplies	3	.....	1,655	0	1,655
Machinery and implements	15	.....	336,179	0	336,179
Hardware	46	.....	1,273,089	0	1,273,089
Building materials	20	.....	200,554	0	200,554
Miscellaneous production supplies	11	.....	108,090	0	108,090
Automobiles and trucks .....	*	.....	64,793	0	64,793
Total			3,149,926	0	3,149,926
General merchandise					
Coal	8	.....	232,314	0	232,314
Groceries	84	.....	7,863,753	0	7,863,753
Electrical appliances	16	.....	167,304	0	167,304
Dry goods and clothing	52	.....	1,228,151	0	1,228,151
Total			9,491,522	0	9,491,522
TOTAL SUPPLIES SOLD			13,640,507	0	13,640,507

* Less than three.

Table 90. Business of Mixed Supply Associations
Part I. Summary of Business for Mixed Farm Supply Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	1,076,824	317,354	759,470
TOTAL SUPPLIES SOLD	1,041,707	0	1,041,707
TOTAL SERVICES PERFORMED	13,165	0	13,165
GRAND TOTAL	2,131,696	317,354	1,814,342

Part II. Farm Products Marketed by Mixed Farm Supply Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter- association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, local	*	26,521 lb.	16,223	0	0	16,223
Butter, patrons	*	13,260 lb.	8,112	0	0	8,112
Butter, shipped	*	228,864 lb.	130,848	130,848	0	0
Buttermilk, fluid	*		664	0	0	664
Cream, retail	*	7,489 lb./bf.	5,922	0	0	5,922
Skim milk, fluid	*		3,788	3,788	0	0
Total			165,557	134,636	0	30,921
Grain						
Barley	*	64,431 bu.	94,334	0	0	94,334
Corn	*	7,422 bu.	8,969	0	0	8,969
Flaxseed	*	18,004 bu.	101,716	0	0	101,716
Oats	*	32,924 bu.	27,587	0	0	27,587
Rye	*	10,444 bu.	15,219	0	0	15,219
Wheat	*	27,691 bu.	59,723	0	0	59,723
Total			307,548	0	0	307,548
Livestock						
Calves	*	2,788 cwt.	71,090	50,318	0	20,772
Cattle	*	7,670 cwt.	135,071	16,000	0	119,071
Hogs	*	8,033 cwt.	142,180	116,400	0	25,780
Sheep	*	361 cwt.	7,109	0	0	7,109
Total			355,450	182,718	0	172,732
Meat and hides						
Hides	*		689	0	0	689
Poultry and eggs						
Chickens, live	3	103,157 lb.	21,888	0	0	21,888
Eggs, shell	5	16,557 case	225,692	0	0	225,692
Total			247,580	0	0	247,580
TOTAL PRODUCTS MARKETED			1,076,824	317,354	0	759,470

* Less than three.

Part III. Farm Supplies Sold by Mixed Farm Supply Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Petroleum products and auto supplies					
Gasoline	6	819,711 gal.	184,979	0	184,979
Kerosene and fuel oil	5	332,250 gal.	88,972	0	88,972
Lubricating oil	6	13,979 gal.	12,049	0	12,049
Grease	5	.....	2,409	0	2,409
Tires and tubes	5	.....	7,603	0	7,603
Accessories and parts	4	.....	9,649	0	9,649
Other auto supplies .....	*	.....	7,629	0	7,629
Total .....	.....	.....	313,290	0	313,290
Production supplies					
Feed	5	44,266 cwt.	183,213	0	183,213
Seeds	3	1,259 cwt.	36,294	0	36,294
Fertilizer	*	588 ton	29,491	0	29,491
Other crop supplies	4	.....	21,167	0	21,167
Machinery and implements .....	*	.....	10,321	0	10,321
Hardware	4	.....	77,999	0	77,999
Building materials	3	.....	22,792	0	22,792
Miscellaneous production supplies .....	*	.....	1,103	0	1,103
Total .....	.....	.....	382,380	0	382,380
General merchandise					
Coal	3	.....	81,997	0	81,997
Groceries	6	.....	184,779	0	184,779
Electrical appliances	3	.....	2,830	0	2,830
Dry goods and clothing	4	.....	76,431	0	76,431
Total .....	.....	.....	346,037	0	346,037
TOTAL SUPPLIES SOLD .....	.....	.....	1,041,707	0	1,041,707

* Less than three.

Table 91. Business of Service Associations
Part I. Summary of Business for Service Associations

Type of business	Total business	Interassociation transactions and business done in other states	Net Minnesota business
		dollars	
TOTAL PRODUCTS MARKETED	3,856,322	2,537	3,853,785
TOTAL SUPPLIES SOLD	2,865,317	0	2,865,317
TOTAL SERVICES PERFORMED	741,143	0	741,143
GRAND TOTAL	7,462,782	2,537	7,460,245

Part II. Farm Products Marketed by All Service Associations

Farm products marketed	Number of associations handling	Total units handled	Total value of products handled	Inter-association transactions	Business done in other states	Net Minnesota business
			dollars	dollars	dollars	dollars
Dairy products						
Butter, shipped	*	5,855,438 lb.	3,585,823	0	0	3,585,823
Buttermilk, dried	*	2,714,086 lb.	184,015	0	0	184,015
Total			3,769,838	0	0	3,769,838
Meat and hides						
Beef	3	27,254 lb.	16,064	0	0	16,064
Pork	3	27,550 lb.	12,223	0	0	12,223
Bones and scraps	4		2,047	857	0	1,190
Hides	10		13,098	1,680	0	11,418
Total			43,432	2,537	0	40,895
Poultry and eggs						
Chickens, dressed	*	44,760 lb.	17,595	0	0	17,595
Eggs, shell	*	2,213 case	25,457	0	0	25,457
TOTAL PRODUCTS			43,052	0	0	43,052
MARKETED			3,856,322	2,537	0	3,853,785

* Less than three.

Part III. Farm Supplies Sold by All Service Associations

Supplies sold	Number of associations handling	Total units handled	Total value of supplies handled	Interassociation transactions and business done in other states	Net Minnesota business
			dollars	dollars	dollars
Production supplies					
Feed	*	450,120 cwt.	1,578,052	0	1,578,052
Seeds	*	7,880 cwt.	156,197	0	156,197
Fertilizer	*	6,990 ton	377,515	0	377,515
Other crop suppliess	*		16,676	0	16,676
Hardware	*		81,626	0	81,626
Dairy supplies	*		198,321	0	198,321
Building materials	*		1,033	0	1,033
Miscellaneous production supplies	4		73,090	0	73,090
Total			2,482,510	0	2,482,510
General merchandise					
Groceries	12		253,421	0	253,421
Other general merchandise	*		129,386	0	129,386
Total			382,807	0	382,807
TOTAL SUPPLIES SOLD			2,865,317	0	2,865,317

* Less than three.

Table 92. Farm Business Services Performed by Commodity Type
Part I. Number of Associations Performing Services

Commodity type	Number of associations performing services													
	Locker rentals	Slaughtering	Cutting, wrapping, and freezing	Grinding, curing, smoking, etc.	Total locker services	Trucking	Warehousing	Grain cleaning	Feed grinding and mixing	Auto and machinery repair	Station services	Commissions	Rentals and other	Total services
Mixed dairy	9	3	7	1	9	7	2	0	1	1	1	0	2	12
Butter	88	23	56	21	88	171	0	1	10	0	9	16	103	267
Milk and cream	9	4	5	2	9	20	1	0	1	0	0	3	22	41
Cheese	2	1	0	0	2	3	1	0	0	0	0	1	3	6
Total dairy	108	31	68	24	108	201	4	1	12	1	10	20	130	326
Vegetables	0	0	0	0	0	0	4	0	0	0	0	0	2	5
Grain	1	1	1	0	1	32	171	141	111	2	3	3	26	215
Livestock	0	0	0	0	0	24	0	0	0	0	0	114	3	138
Poultry and eggs	14	2	8	3	14	10	1	0	0	0	0	4	7	27
Miscellaneous products	0	0	0	0	0	0	0	0	0	0	0	0	2	2
TOTAL MARKETING	123	34	77	27	123	267	180	142	123	3	13	141	170	713
Mixed supplies	0	0	0	0	0	1	0	1	0	1	0	0	2	3
Petroleum products and auto supplies	2	0	1	0	2	12	3	0	1	16	113	3	15	120
Production supplies	0	0	0	0	0	2	0	4	11	1	5	5	8	23
General merchandise	6	1	5	1	6	5	2	0	2	3	5	5	12	28
TOTAL SUPPLIES	8	1	6	1	8	20	5	5	14	21	123	13	37	174
Miscellaneous services	0	0	0	0	0	1	3	0	0	1	0	1	2	4
Frozen food lockers	21	12	19	8	21	1	0	0	0	0	0	0	0	21
Trucking	0	0	0	0	0	8	0	0	0	0	0	0	1	8
TOTAL SERVICES	21	12	19	8	21	10	3	0	0	1	0	1	3	33
GRAND TOTAL	152	47	102	36	152	297	188	147	137	25	136	155	210	920

Table 92. Farm Business Services Performed by Commodity Type—Continued
Part II. Value of Services Performed

Commodity type	Value of services performed*													
	Locker rentals	Slaughtering	Cutting, wrapping, and freezing	Grinding, curing, smoking, etc.	Total locker services	Trucking	Warehousing	Grain cleaning	Feed grinding and mixing	Auto and machinery repair	Station services	Commissions	Rentals and other	Total services
	dollars													
Mixed dairy	36,861	9,382	35,595	3,054	84,892	31,519	9,539	0	2,357	19,825	2,173	0	86,610	236,915
Butter	431,968	40,297	228,915	19,893	721,073	1,239,787	0	1,269	26,672	0	7,208	21,739	242,017	2,259,765
Milk and cream	76,616	9,222	28,522	4,826	119,186	716,240	1,491	0	1,665	0	0	14,465	63,825	916,872
Cheese	6,356	7,926	0	0	14,282	32,960	48,368	0	0	0	0	58	1,720	97,388
Total dairy	551,801	66,827	293,032	27,773	939,433	2,020,506	59,398	1,269	30,694	19,825	9,381	36,262	394,172	3,510,940
Vegetables	0	0	0	0	0	0	44,141	0	0	0	0	0	37,625	81,766
Grain	3,127	674	2,668	0	6,469	81,902	1,430,879	253,806	456,422	9,122	3,808	95,241	131,849	2,469,498
Livestock	0	0	0	0	0	142,348	0	0	0	0	0	71,751	1,415	215,514
Poultry and eggs	55,376	2,174	37,665	655	95,870	26,338	255	0	0	0	0	344	4,078	126,885
Miscellaneous products	0	0	0	0	0	0	0	0	0	0	0	0	2,597	2,597
TOTAL MARKETING	610,304	69,675	333,365	28,428	1,041,772	2,271,094	1,534,673	255,075	487,116	28,947	13,189	203,598	571,736	6,407,200
Mixed supplies	0	0	0	0	0	6,798	0	3,275	0	2,931	0	0	161	13,165
Petroleum products and auto supplies	7,467	0	3,558	0	11,025	165,528	13,552	0	2,895	100,334	227,066	9,096	328,850	858,346
Production supplies	0	0	0	0	0	9,612	0	11,703	31,199	524	16,894	2,143	153,722	225,797
General merchandise	21,743	9,999	20,076	1,435	53,253	10,184	261	0	4,290	7,207	17,289	834	12,783	106,101
TOTAL SUPPLIES	29,210	9,999	23,634	1,435	64,278	192,122	13,813	14,978	38,384	110,996	261,249	12,073	495,516	1,203,409
Miscellaneous services	0	0	0	0	0	38,869	2,065	0	0	11,038	0	13	36,156	88,141
Frozen food lockers	91,452	19,290	85,227	10,029	205,998	1,023	0	0	0	0	0	0	48,911	255,932
Trucking	0	0	0	0	0	397,070	0	0	0	0	0	0	0	397,070
TOTAL SERVICES	91,452	19,290	85,227	10,029	205,998	436,962	2,065	0	0	11,038	0	13	85,067	741,143
GRAND TOTAL	730,966	98,964	442,226	39,892	1,312,048	2,900,178	1,550,551	270,053	525,500	150,981	274,438	215,684	1,152,319	8,351,752

* Figures include services performed in other states.

Procedure and Terminology

THE SURVEY of Minnesota farmers' cooperatives was conducted during the summer of 1950 by the Division of Agricultural Economics of the University of Minnesota.

COLLECTING AND RECORDING DATA

Selecting and Training Enumerators

Eight men were employed as enumerators for the survey, each of whom was either a recent graduate or an advanced student at the University of Minnesota. They were selected on the basis of training in accounting and agricultural economics. Each man was given several days' instruction in purposes and procedures, and one day of field work under the direction of an experienced enumerator. Each man was supplied with a survey manual to make the method of enumeration as uniform as possible.

Location of Cooperatives

A list of cooperatives located in each county was compiled from address lists obtained from the Cooperative Research and Service Division of the Farm Credit Administration; the Division of Cooperative Accounting of the Minnesota Department of Agriculture, Dairy and Food; and the Minnesota Association of Cooperatives. Each enumerator was assigned a general area to cover and supplied with county lists of cooperatives for that area. Further information was obtained from county agents and managers of cooperatives visited. If doubt existed as to the cooperative status of a firm, a schedule was completed and the case reviewed later.

Collection of Data

Each cooperative included in the survey was visited by an enumerator. Much of the descriptive data was obtained in interviews with managers and board members. Wherever possible, organizational data were taken from articles of incorporation and by-laws, and financial and operational data were taken from records and audit reports. Additional information was obtained from other sources in some cases. The data were collected for fiscal years ending between April 1, 1949 and March 31, 1950 in nearly all cases. The period used for grain associations was January 1, 1949 to December 31, 1949.

Processing the Data

Completed schedules were brought in from the field for checking at regular intervals during the survey. They were given a rapid review for omissions and obvious errors, and the enumerators were sent back for additional information whenever necessary. Where copies of audits or annual statements were obtained, many of the data were left to be filled in after the enumeration was completed. After all available data were entered in the schedules, they were checked carefully for inaccuracies and inconsistencies. Data on physical quantities were not available in some cases, and these were estimated on the basis of data reported by other associations. In a few cases, data were lacking on values of products handled, and these were estimated

from the physical quantities reported and prices prevailing in the fiscal period.

Recording and Tabulating Data

The data on the schedules were given numerical codes, and the codes were recorded on accounting cards for machine tabulation. The elimination of errors of coding and recording was accomplished by a system of cross-checks. All of the data were machine-tabulated.

TERMINOLOGY USED

Location

Each association was classified by the county in which its main office was located. Counties were grouped by type-of-farming areas according to the map used by the Division of Agricultural Economics, except that Marshall and Polk Counties were placed entirely in area seven (figure 3).

Commodity Type

The classification by commodity type was based on the values of various types of commodities handled and services performed. Similar commodities were grouped together in making this classification. In most cases, the commodity group ranking first in value was used. Where no single group accounted for as much as 40 per cent of the total, a more general classification, such as *mixed dairy*, was used. If the largest single commodity group comprised less than 50 per cent of the total receipts while a different general type amounted to 50 per cent or more, the general type was used for classification. Thus, an association where receipts were 40 per cent from petroleum products and 60 per cent from various dairy products was classified as a mixed dairy association.

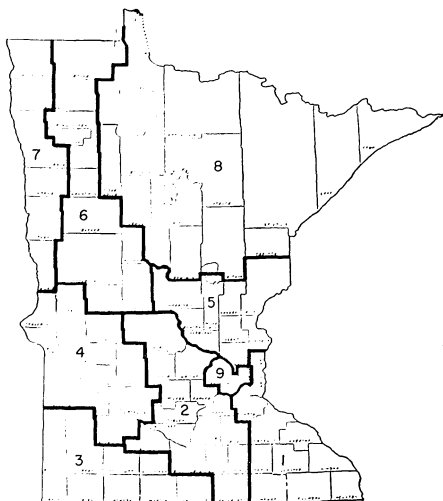


FIG. 3. Type-of-farming areas in Minnesota

Associations were classified as *service* wherever services comprised the main source of gross margins. Comparisons on the basis of total receipts did not reflect the true nature of the business of such associations. Two miscellaneous groups were included in the classification. *Miscellaneous products* included a wool marketing association, an alfalfa dehydrating association, and a seed marketing association. *Miscellaneous services* included two warehousing associations, a farm machinery repair association, and a home service association which installed insulation, weatherstripping, and heating equipment.

Type of Affiliation

A double classification was used which involved the type of membership in each association and its membership in other cooperatives. Associations whose members were natural persons were classified as *locals* while those having other cooperatives as members were classified as *federations*.

Those with both types of members were classified according to the group with which they transacted the most business. Associations which transacted 25 per cent or more of their business with a federation were classified as *members of a federation*, those which did not meet this specification were classified as *independents*.

Age

Ages of association were determined from the date of their first organization as a cooperative to January 1, 1950. Where associations were first operated on a noncooperative basis, the time when they became a cooperative was used in determining the age.

Legal Status

Each association was classified according to the law under which it was last incorporated prior to 1950.

Patronage Refunds

Patronage refunds included all allocations of net margins which were based on patronage. In a few cases, the distribution of refunds to indi-

vidual patrons' accounts had not been completed at the time of the survey. These were classified as patronage refunds wherever there was satisfactory indication of intent or obligation to make the distributions.

Interassociation Transactions

Duplications arising from the sale of the product by two or more associations were removed by deducting sales through other cooperatives. Information was obtained from each local association regarding products marketed through other cooperatives. Duplications in sales of farm supplies were removed at the wholesale level. This method of removing duplications did not remove value added during successive handlings.

Business Done in Other States

Business transacted for patrons in other states was removed to arrive at the net business for Minnesota patrons. This business included the value of farm products marketed for farmers of other states and the value of farm supplies handled for patrons in other states.